ORDER NO. BSD03070100

# Service Manual

Sec. 1 Service Information

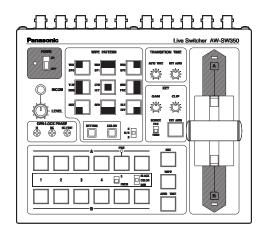
Sec. 2 Electrical Adjustments

Sec. 3 Schematic Diagrams

Sec. 4 Circuit Board Diagrams

Sec. 5 Exploded Views & Parts List

AW-SW350P/E



#### AW-SW350P

### SPECIFICATIONS/STANDARD ACCESSORIES

#### **ESPECIFICATIONS**

**Power supply:**  $12 \text{ V DC } (+10.8 \sim 16.0 \text{ V})$ 

Power consumption: 16 W

indicates safety information.

Video Inputs

Composite video signal: VBS: 1.0 V[p-p]/75  $\Omega \times 5$  (BNC connector, automatic

termination)

Y/C: Y:  $1.0 \text{ V[p-p]/75 }\Omega$ 

C: 0.286 V[p-p]/75  $\Omega \times 5$  (S connector)

**Video Outputs** 

Composite video output: VBS: 1.0 V[p-p]/75  $\Omega \times 2$  (BNC connector)

Y/C: Y: 1.0 V[p-p]/75  $\Omega \times 1$ 

C: 0.286 V[p-p]/75  $\Omega \times 1$  (S connector)

Preview output: VBS: 1.0 V[p-p]/75  $\Omega \times 1$  (BNC connector)

Black burst signal: BBS: Sync: 0.286 V[p-p], C: 0.286 V[p-p] burst level/

75  $\Omega \times 1$  (BNC connector)

Signal loopthrough output: 1 each (BNC connector)

**Functions and Performance** 

Frame synchronizer: 10 bit quantization, 13.5MHz sampling

Mounted to each channel of VIDEO IN 1 to 5.

Wipe patterns: 9 patterns

Wipe directions: 3 directions (normal, reverse, normal/reverse)

Mix: Cross fader

Auto take: Wipe, Mix (time adjustable)

Key synthesis: Self Key, Linear Key

Intercom: 1 to 5 (6-pin connector, 3/4 wire selectable),

Intercom jack (M6 jack)

Tally control: 1 to 5 (open collector output)

Color bar: Internal (SMPTE, Black/Color selectable)

White and black signals: Internal

Frequency response: FS ON: 6.0MHz +1 dB, -3dB

FS OFF: 10.0MHz +1 dB, -3dB

S/N: FS ON: More than 58 dB

FS OFF: More than 65 dB

DG/DP: FS ON: ±2°, ±2%

FS OFF: ±1.5°, ±1.5%

Operating temperature range: 32°F to 104°F (0°C to 40°C)

**Humidity:** 30% to 90%

**Dimensions (W** $\times$ **H** $\times$ **D):** 8-1/4" $\times$ 3-7/16" $\times$ 6-15/16" (210  $\times$ 86  $\times$  176 mm)

Weight: Approx. 4.9 lb (2.2 kg)

Finish: AV ivory painting (Munsell 7.9Y6.8/0.8 or close to it)

Weight and dimensions indicated are approximate. Specifications are subject to change without notice.

#### ■STANDARD ACCESSORIES

Tally/intercom connector	5 pcs
Rack mounting parts	2 pcs
Connecting plate	•
Mounting screws	1 se
Image transfer program setup CD	

#### AW-SW350E

# SPECIFICATIONS/STANDARD ACCESSORIES

#### **■SPECIFICATIONS**

**Power supply:** 12 V DC (+10.8 ~ 16.0V)

Power consumption: 16 W

indicates safety information.

**Video Inputs** 

Composite video signal: VBS: 1.0 V[p-p]/75  $\Omega \times 5$  (BNC connector, automatic

termination)

Y/C: Y:  $1.0 \text{ V[p-p]/75 }\Omega$ 

C:  $0.3 \text{ V[p-p]/75 }\Omega \times 5 \text{ (S connector)}$ 

**Video Outputs** 

Composite video output: VBS: 1.0 V[p-p]/75  $\Omega \times 2$  (BNC connector)

Y/C: Y:  $1.0 \text{ V[p-p]/75 } \Omega \times 1$ 

C:  $0.3 \text{ V[p-p]/75 }\Omega \times 1 \text{ (S connector)}$ 

Preview output: VBS: 1.0 V[p-p]/75  $\Omega \times 1$  (BNC connector)

Black burst signal: BBS: Sync: 0.3 V[p-p], C: 0.3 V[p-p] burst level/

75 Ω×1 (BNC connector)

Signal loopthrough output: 1 each (BNC connector)

**Functions and Performance** 

Frame synchronizer: 10 bit quantization, 13.5MHz sampling

Mounted to each channel of VIDEO IN 1 to 5.

Wipe patterns: 9 patterns

Wipe directions: 3 directions (normal, reverse, normal/reverse)

Mix: Cross fader

Auto take: Wipe, Mix (time adjustable)

Key synthesis: Self Key, Linear Key

Intercom: 1 to 5 (6-pin connector, 3/4 wire selectable),

Intercom jack (M6 jack)

Tally control: 1 to 5 (open collector output)

Colour bar: Internal (EBU, Black/Colour selectable)

White and black signals: Internal

Frequency response: FS ON: 6.0MHz +1 dB, -3dB

FS OFF: 10.0MHz +1 dB, -3dB

S/N: FS ON: More than 58 dB

FS OFF: More than 65 dB

DG/DP: FS ON:  $\pm 2^{\circ}$ ,  $\pm 2^{\circ}$ 

FS OFF: ±1.5°, ±1.5%

 Operating temperature range:
 0°C to 40°C

 Humidity:
 30% to 90%

 Dimensions (W×H×D):
 210×86×176 mm

 Weight:
 Approx. 2.2 kg

Finish: AV ivory painting (Munsell 7.9Y6.8/0.8 or close to it)

Weight and dimensions indicated are approximate. Specifications are subject to change without notice.

#### **ESTANDARD ACCESSORIES**

Tally/intercom connector	5 pcs
Rack mounting parts	2 pcs
Connecting plate	1 pc
Mounting screws	1 se
Image transfer programme setup CD	1 pc

### SAFETY PRECAUTIONS

#### **GENERAL GUIDELINES**

- When servicing, observe the original lead dress. If a short circuit is found, replace all parts, which have been over-heated or damaged by the short circuit.
- After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

#### LEAKAGE CURRENT COLD CHECK

- 1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than  $5M\Omega$ .

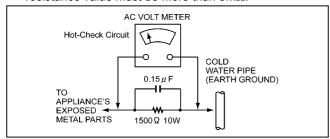


Figure1

#### LEAKAGE CURRENT HOT CHECK (See Figure 1)

- Plug the AC cord directly into the AC outlet.
   Do not use an isolation transformer for this check.
- 2. Connect a  $1.5 \mathrm{K}\Omega$ , 10W resistor, in parallel with a  $0.15 \mu$  F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- Reverse the AC plug in the AC outlet repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

#### **ABOUT LEAD FREE SOLDER (PbF)**

#### **Distinction of Pbf PCB:**

PCBs (manufactured) using lead free solder will have a PbF indication on the PCB.

#### Caution:

- Pb free solder has a higher melting point than standard solder; Typically the melting point is 50–70°F (30-40°C) higher. Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 700±20°F (370±10°C).
- Pb free solder will tend to splash when heated too high (about 1100°F/600°C).

#### **ELECTROSTATICALLY SENSITIVE (ES) DEVICES**

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

- Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
  - Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
- After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
- 4. Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
- Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
  - (most replacement ES devices are package with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
  - CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
- 8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

#### X-RADIATION

#### **WARNING**

- The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
- When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.

**Note:** It is important to use an accurate periodically calibrated high voltage meter.

Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV, ±0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

- Use a rain cover when the unit is to be used outdoors in rainy weather.
- Only L-size DVCPRO cassette tapes can be used with this camera recorder.
   Do not use standard size DV tapes or tapes of any other size.



# CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the appliance.

#### **WARNING:**

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

#### **CAUTION:**

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

#### **CAUTION:**

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER CHANGE OF SWITCH SETTING INSIDE THE UNIT TO QUALIFIED SERVICE PERSONNEL.

#### FCC Note:

This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Replace battery with part No. CR2032 only.

Use of another battery may present a risk of fire or explosion.

Caution—Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.



#### ATTENTION:

The product you have purchased is powered by a nickel cadmium battery which is recyclable. At the end of it's useful life, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream.

Please call 1-800-8-BATTERY for information on how to recycle this battery.

indicates safety information.

#### ■ DO NOT REMOVE PANEL COVER BY UN-SCREWING

To reduce the risk of the electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

#### **WARNING:**

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

#### CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

#### Lithium Battery

#### Warning

The lithium battery in this equipment must only be replaced by qualified personnel. When necessary, contact your local Panasonic supplier.

"The lithium battery is a critical component (type number CR2032 manufactured by Panasonic).

It must never be subjected to excessive heat or discharge. It must therefore only be fitted in equipment designed specifically for its use.

Replacement batteries must be of the same type and manufacturer. They must be fitted in the same manner and location as the original battery, with the correct polarity connections observed.

Do not attempt to re-charge the old battery or re-use it for any other purpose. It should be disposed of in waste products destined for burial rather than incineration."

#### CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.

#### **VARNING**

Explosinsfara vid felaktigt batteribyte.

Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

#### ADVARSEL!

Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.

#### **VAROITUS**

Paristo voi räjähtää, jos se on virheellisesti asennettu

Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyypiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

#### Attention/Attentie

- This apparatus contains a lithium battery for memory back-up.
- For the removal of the battery at the moment of the disposal at the end of the service life please consult your dealer.
- Do not throw away the battery. Instead, hand it in as hazardous waste.
- Dit apparaat bevat een lithiumbatterij voor memory back-up.
- Raadpleeg uw leverancier over de verwijdering van de batterij op het moment dat u het apparaat bij einde levensduur afdankt.
- · Gooi de batterij niet weg, maar lever hem in als KCA.



# **Panasonic**

# SECTION 1

# **SERVICE INFORMATION**

## **CONTENTS**

1.	. SOFTWARE VERSION UPGRADE PROCEDURE	. INF-1
	1-1 Version upgrade Methode by Personal Computer	. INF-1
	1-2 Version upgrade Methode of using ROM changer board	. INF-2

### SOFTWARE VERSION UPGRADE PROCEDURE

The AW-SW350 uses a built-in flash memory. There are 2 ways for the software version upgrade.

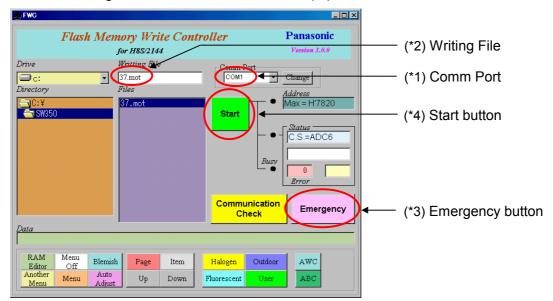
#### 1. Version upgrade Method by Personal Computer

#### A. Preparation

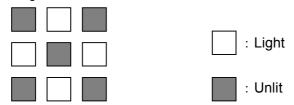
ITEM	REMARK
D-sub 50pin-9pin Cable	AW-CA50T9
Version Upgrade Software	FWC3
Version Upgrade Data	mot format file
Personal Computer	WINDOWS 95® or 98®

#### **B. Version Upgrade Procedure**

- Remove the panel for service which is in the base.
- 2. Connect the D-sub 50pin –9pin Cable between 50P connector and Personal Computer.
- 3. Boot up the FWC3.
- 4. Select the "Comm port" to correspond. (\*1)
- 5. Set the "Writing File " to correct "mot format file". (\*2)



Turn on the power while press the "SETTING" button and the "COLOR".
 (Continue to press the "SETTING" button and the "COLOR" button until the lamps at the "Wipe Pattern" button light as follows.



- 7. Click the "Emergency" button on the version up software. (\*3)
- 8. Click the "Start" button to start the programing. (\*4)

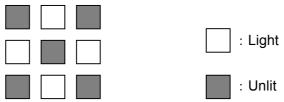
#### 2. Version upgrade Method of using ROM changer board

#### A. Preparation

ITEM	REMARK
ROM changer board	VFK1667
Version Upgrade Data	mot format file

#### **B.** Version Upgrade Procedure

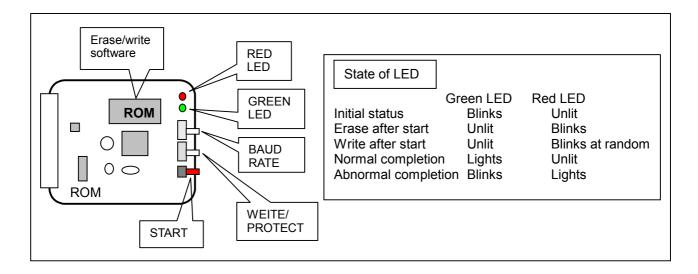
- 1. Install the new version software (ROM) on the ROM changer board (VFK1667).
- 2. Make sure that the power is turned OFF.
- 3. Remove the bottom plate, and connect the ROM changer board to the 50P connector.
- 4. Set the "Baud Rate" switch on the ROM changer board to the center position. Since write protection is not activated, write operation can be started regardless of WRITE/PROTECT selection.
- 5. Press the START button twice. Then the green LED on the board turns off and the red LED will blink at random. Erase the program and then write new program. (\*1)



- 6. Confirmation of completion:
  - (a) Green LED lights : completed successful
  - (b) Red LED, green LED blinks : error

After completed successfully, the Main unit goes into the sleep mode. If will start after power is turned off and then on again. Turn off power and remove the board. If it was error, press the START button to re-write. (\*2)

- (\*1) If the operation ends with an error after writing, it is impossible to re-write once power of the Main unit is turned off. Try writing again by pressing START button.
- (\*2) In case of an error (red LED won't blink) after START, turn power off, set the BAUD RATE switch to either position and retry writing. Normally, used at "0" position but another position may be effective.



# SECTION 2

# **ELECTRICAL ADJUSTMENTS**

# **CONTENTS**

1. Composite Level Adjustment	ELE-1
2. Y/C OUT Level Adjustment	
3. KEY Level Adjustment	
4. Color Bar Level Adjustment	ELE-2
5. G/L SCH Adjustment	ELE-3
6. INT Frequency Adjustment	ELE-3

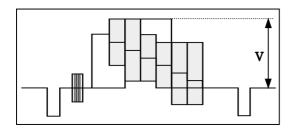
### **Adjustment**

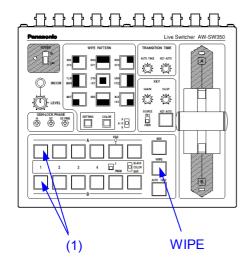
Unless otherwise specified all switches, connector, buttons are located on the rear panel or the top panel.

### 1. Composite Level Adjustment

BOARD	MAIN
TP	PGM OUT1
ADJ.	VR5(BUS A),VR6(BUS B)
SIGNAL	Color Bar Signal With Y Reference
	(White 100%)
M. EQ	Oscilloscope
SPEC.	100IRE±2IRE

- Set the SET UP switch SW1 to the lower side (FS OFF) and SW2 to the upper side (BB OUT).
- 2. Supply the BB signal from the BB output connector of AW-SW350 to an EXT input of signal generator so that the signal generator is synchronized with the AW-SW350.
- 3. Supply a color bar signal to the VIDEO IN1 connector from signal the signal generator.
- 4. Press the (1) of A bus and B bus buttons, and WIPE button as shown in the following figure.
- Select the fader lever to A-Bus side and adjust VR5 so that the Composite Level is within the specification.
- Move the fader lever to the B-Bus side and adjust VR6 so that the Composite Level is within the specification.
- 7. Repeat the steps 5 and 6 so that the difference between A-bus output and B-Bus output is minimized.

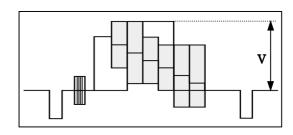


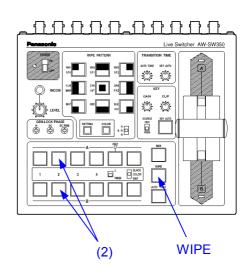


### 2. Y/C OUT Level Adjustment

BOARD	MAIN
TP	PGM OUT1
ADJ.	VR8(BUS AYC),VR9(BUS BYC)
SIGNAL	Color Bar Signal With Y Reference
	(White 100%)
M. EQ	Oscilloscope
SPEC.	100IRE±2IRE

- 1. Set the SET UP switch SW1 to the lower side (FS OFF) and SW2 to the upper side (BB OUT).
- Supply the BB signal from the BB output connector of AW-SW350 to an EXT input of signal generator so that the signal generator is synchronized with the AW-SW350.
- 3. Supply a color bar signal to the Y/C IN2 connector from a signal generator.
- 4. Press the (2) of A bus and B bus buttons, and WIPE button as shown in the following figure.
- 5. Move the fader lever to A-Bus side and adjust VR8 so that the Composite Level is within the specification.
- Select the fader lever to B-Bus side and adjust VR9 so that the Composite Level is within the specification.
- 7. Repeat the steps 5 and 6 so that the difference between A-bus output and B-Bus output is minimized.

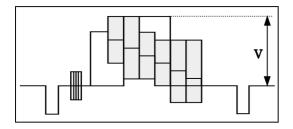


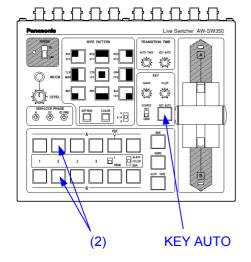


### 3. KEY Level Adjustment

BOARD	MAIN
TP	PGM OUT1
ADJ.	VR7(BUS K),
SIGNAL	Color Bar Signal With Y Reference
	(White 100%)
M. EQ	Oscilloscope
SPEC.	100IRE±2IRE

- Set the SET UP switch SW1 to the lower side (FS OFF) and SW2 to the upper side (BB OUT).
- 2. Supply the BB signal from the BB output connector of AW-SW350 to an EXT input of signal generator so that the signal generator is synchronized with the AW-SW350.
- 3. Press the (2) button of A-bus and B-bus, and KEY AUTO button as shown in the following figure.
- 4. Set the SOURCE SW to the IN5 position.
- 5. Turn the GAIN VR to the fully clockwise position.
- 6. Adjust VR7 (BUS K) so that the Composite Level is within the specification.

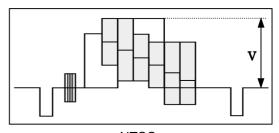




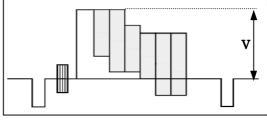
### 4. Color Bar Level Adjustment

BOARD	FSYNC
TP	PGM OUT1
ADJ.	VR701(BUS A),VR702(BUS B)
SIGNAL	
M. EQ	Oscilloscope
SPEC.	100IRE±2IRE

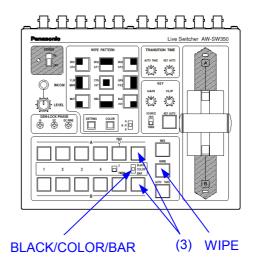
- 1. Set the SET UP switch SW1 and SW2 to the upper side (FS ON, BB OUT).
- 2. Set the BLACK/COLOR/BAR select switch to the BAR position.
- 3. Press the (3) buttons of A bus and B bus and WIPE button as shown in the following figure.
- 4. Move the fader lever to the A-Bus side and adjust VR701 so that the Composite Level is within the specification.
- Move the fader lever to the B-Bus side and adjust VR702 so that the Composite Level is within the specification.
- Repeat the steps 4. and 5 so that the difference between the A-bus output and B-Bus output is minimized.



<NTSC>



<PAL>



### 5. G/L SCH Adjustment

BOARD	MAIN
TP	
ADJ.	VR3(NT HD),VR2(PAL HD)
SIGNAL	Black Burst Signal
M. EQ	
SPEC.	Variable mid-point

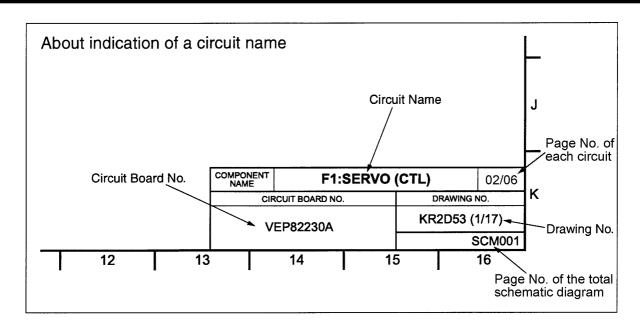
- 1. Set the SET UP switch SW1 and SW2 to the lower side (FS OFF, G/L IN).
- 2. Supply a black burst signal to the G/L IN connector from a signal Generator.
- 3. <NTSC Model>
  - Rotate the VR3 (NT HD) to either direction and Inspect the variable range where the D3 (SCH) indicator light-up
  - 2) Set VR3 at the center position where the D3 (SCH) light up.
- 4. <PAL Model>
  - Rotate the VR2 (PAL HD) to either direction and Inspect the variable range where the D3 (SCH) indicator light-up
  - 2) Set VR2 at the center position where the D3 (SCH) light up.

### 6. INT Frequency Adjustment

BOARD	MAIN
TP	TP14
ADJ.	VR4
SIGNAL	
M. EQ	Frequency Counter
SPEC.	27MHz±10Hz

- 1. Be sure to warm up the unit for at least 10 minutes after turning it on.
- Disconnect the black burst signal to the G/L input connector.
- 3. Connect the frequency counter to TP14 on the MAIN board and adjust VR4 so that the frequency is within the specification.

# **SCHEMATIC DIAGRAMS**



#### NOTE:

BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION7

CAUTION

THE [\_\_\_\_] MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

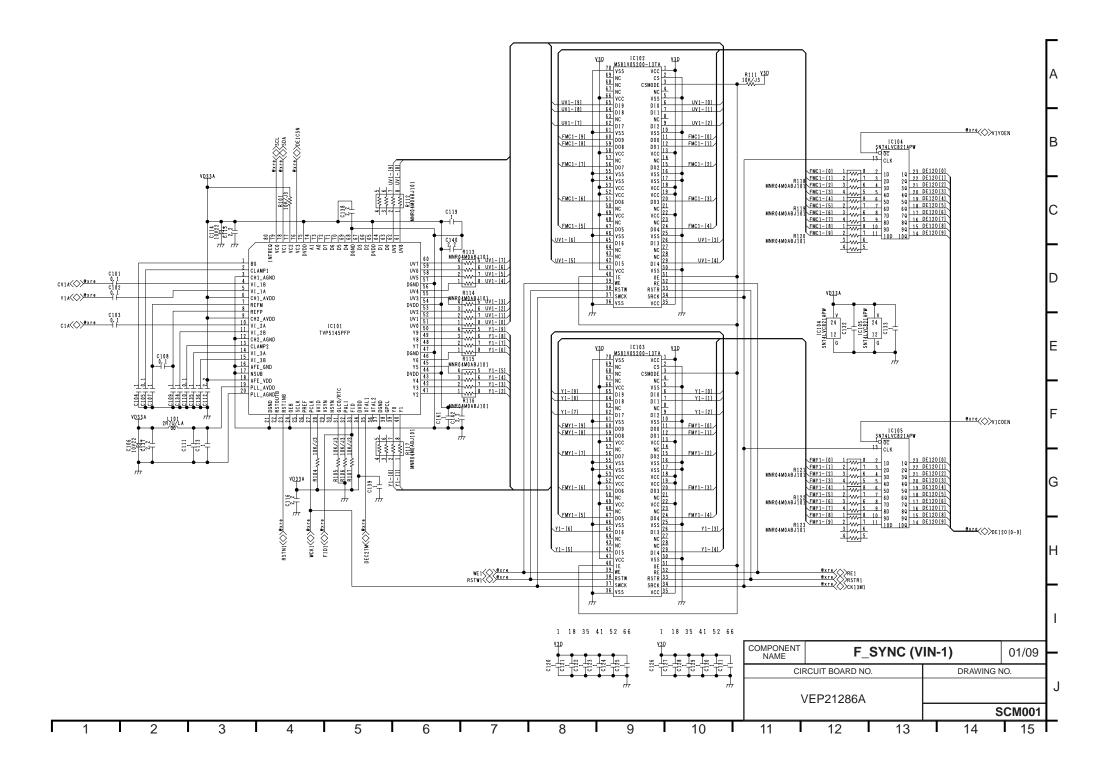
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

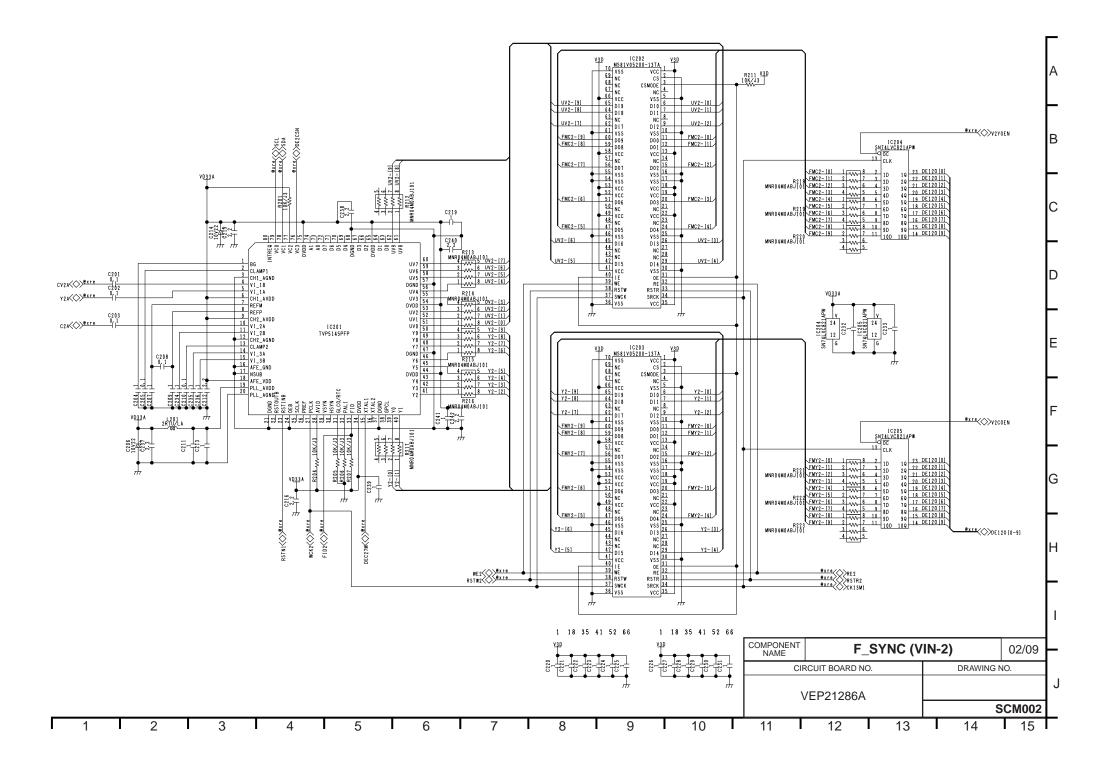
#### **IMPORTANT SAFETY NOTICE:**

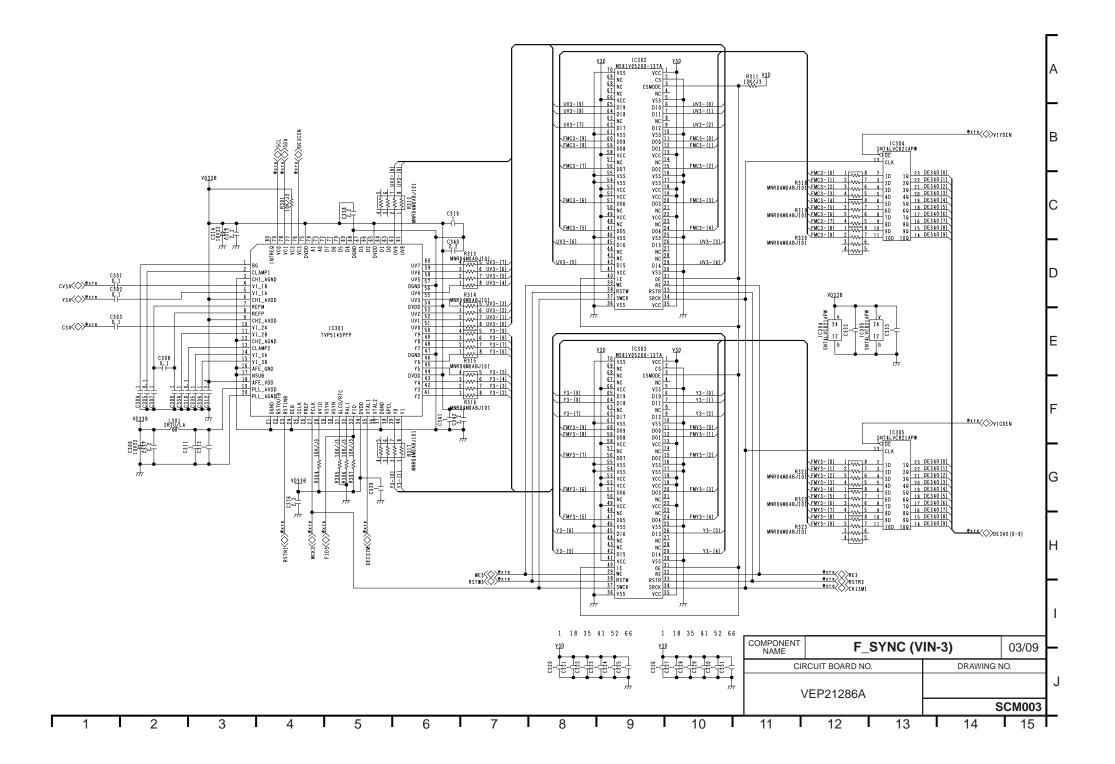
COMPONENTS IDENTIFIED WITH THE MARK  $\triangle$  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

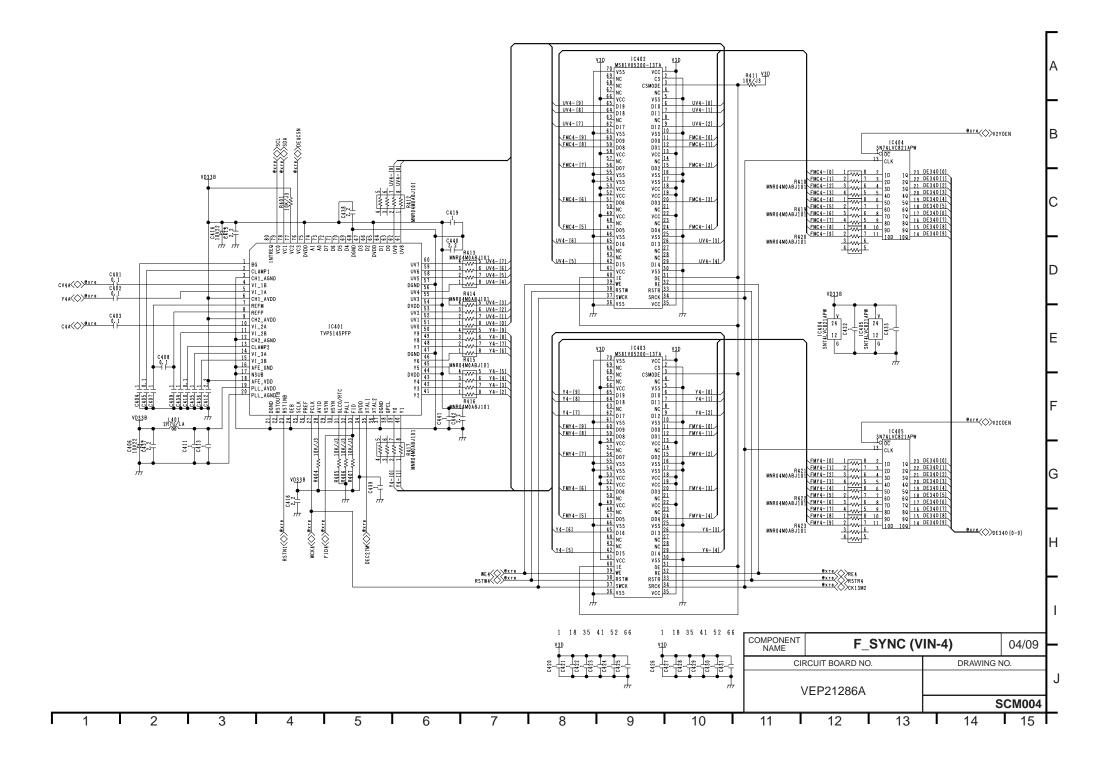
# **CONTENTS**

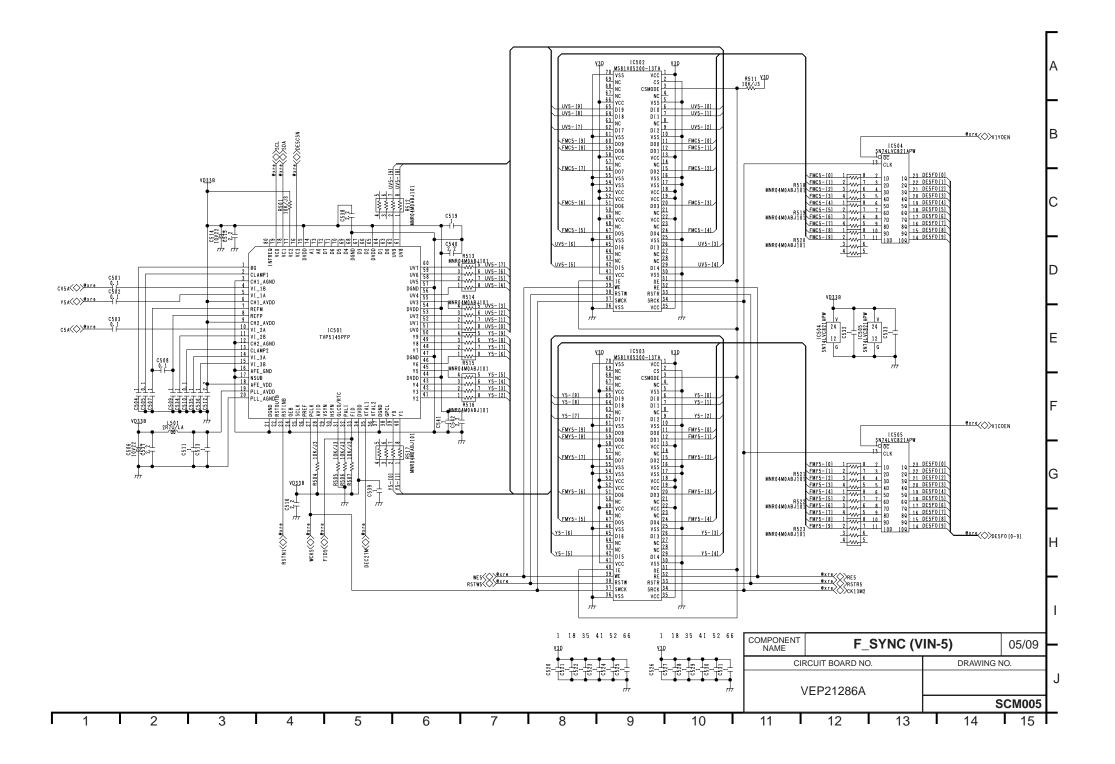
F_SYNC	SCM001
MAIN	SCM010
PANEL	
BNC	
S_CONT	

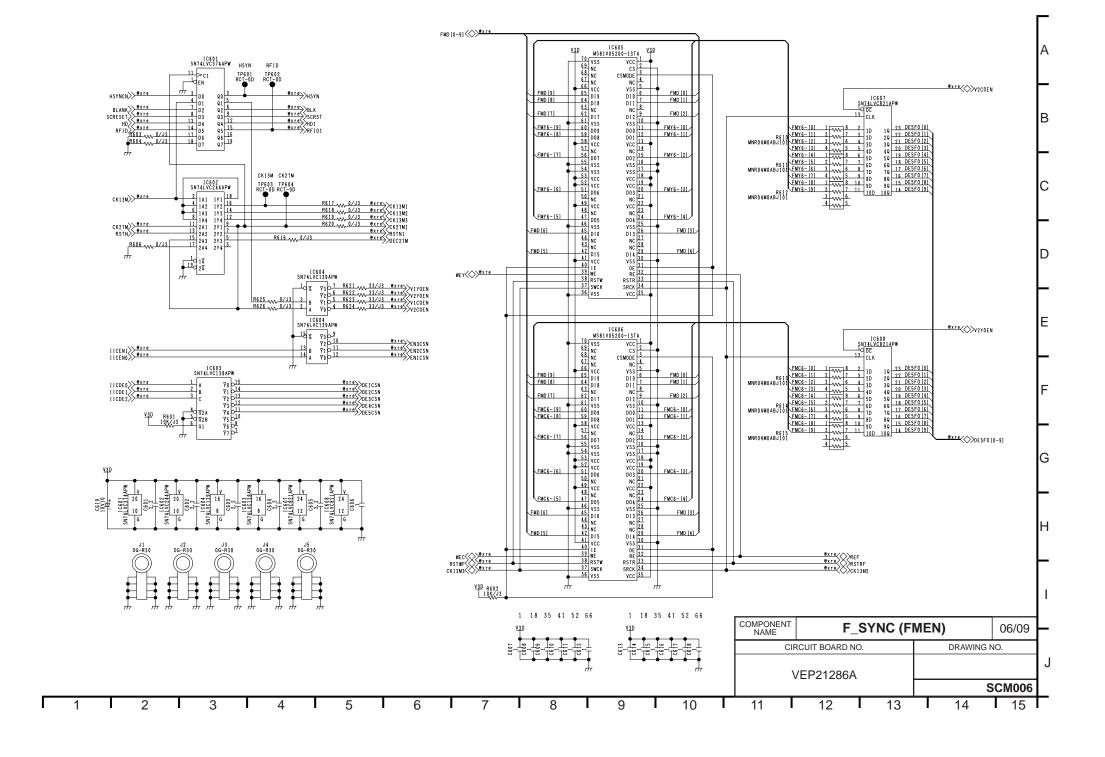


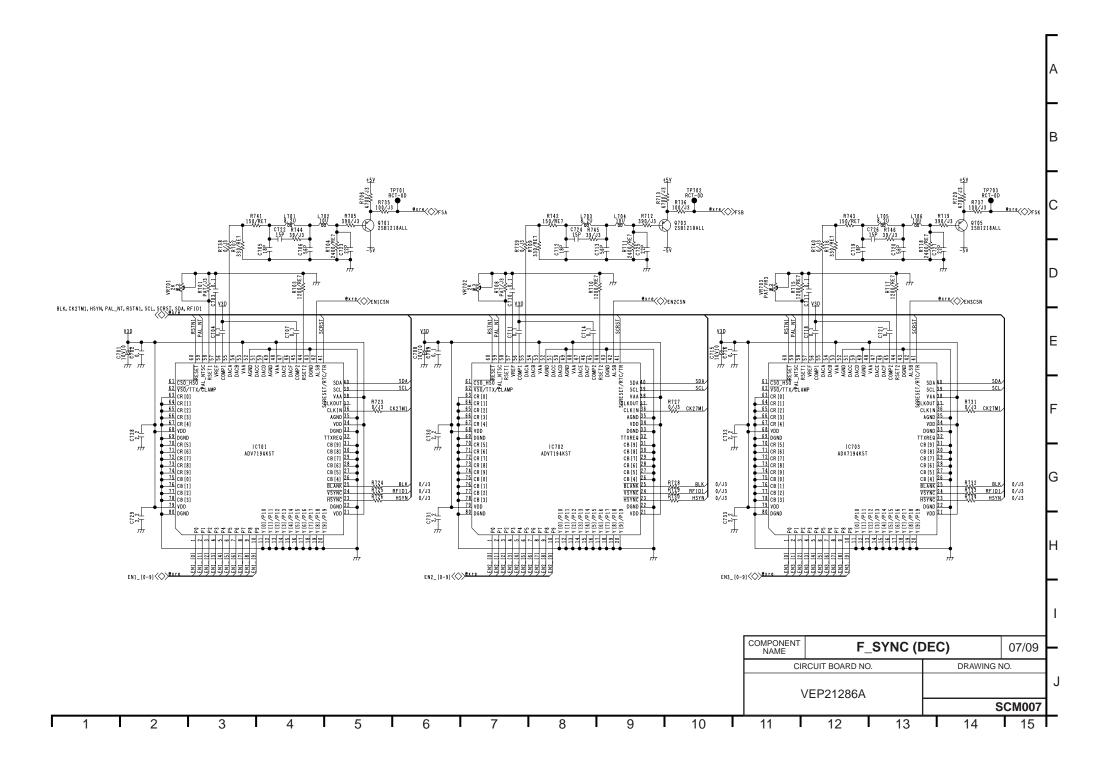


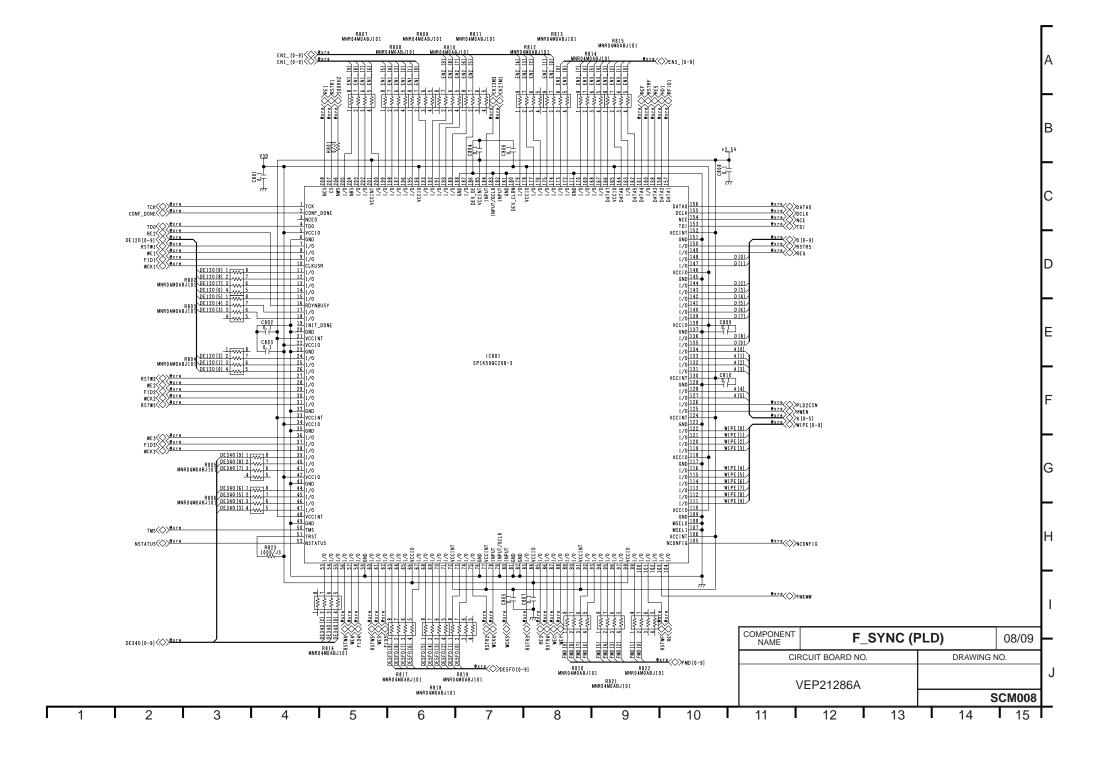


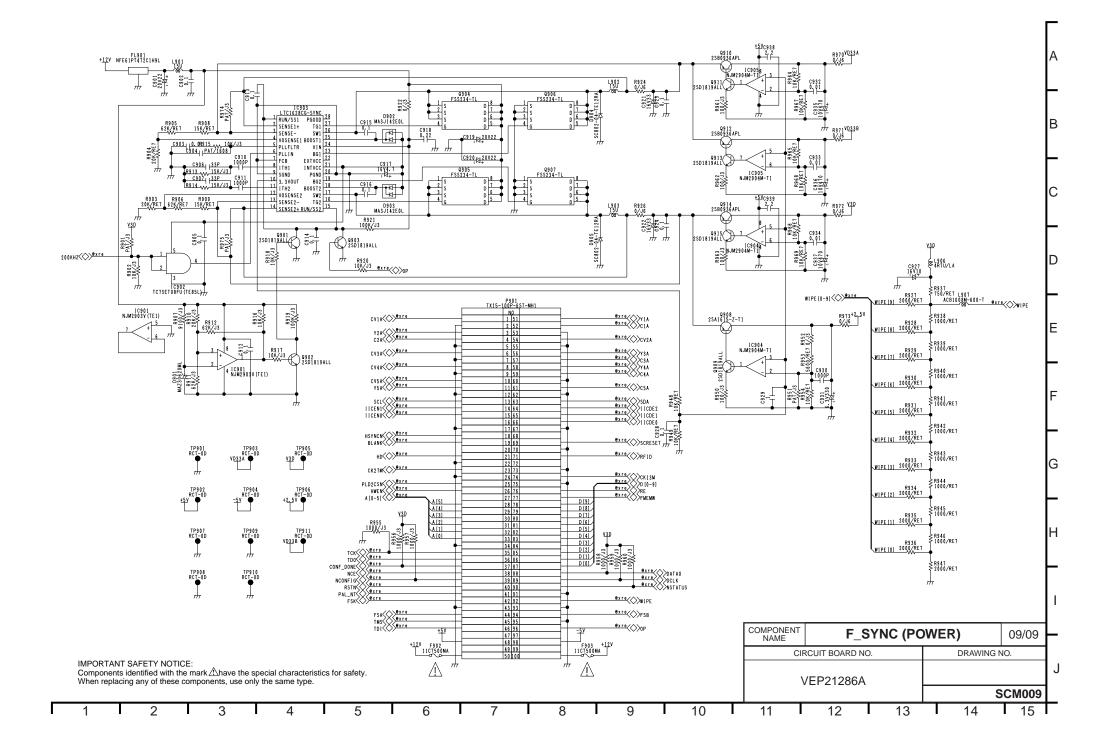


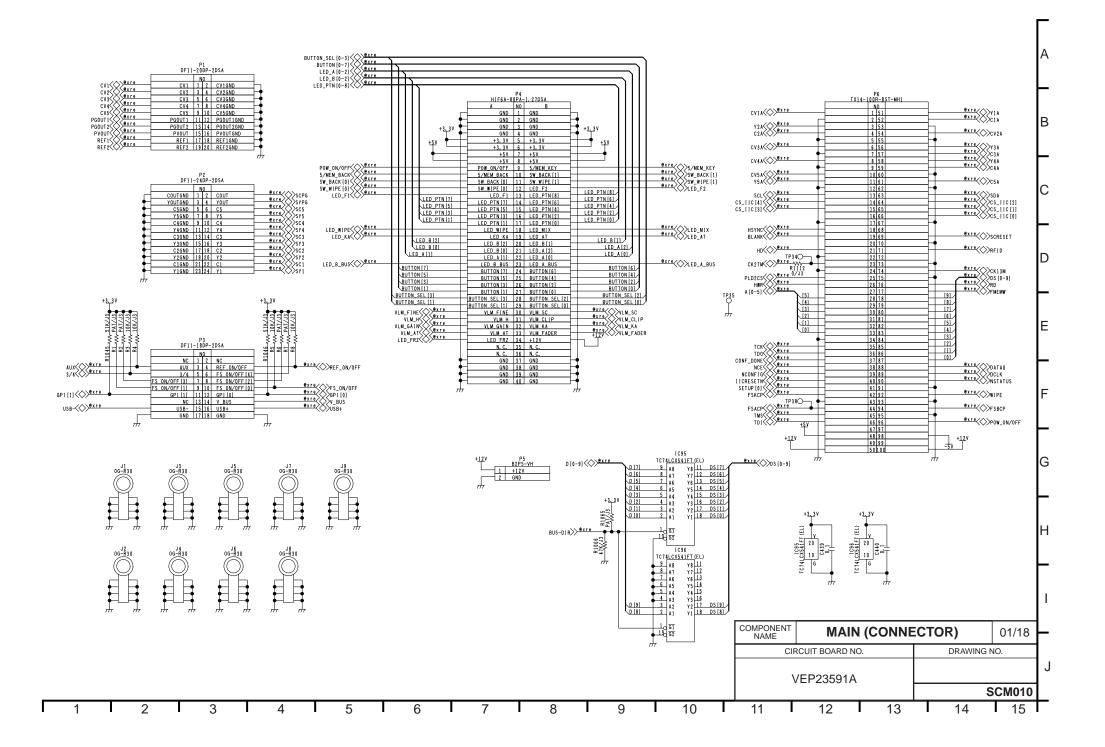


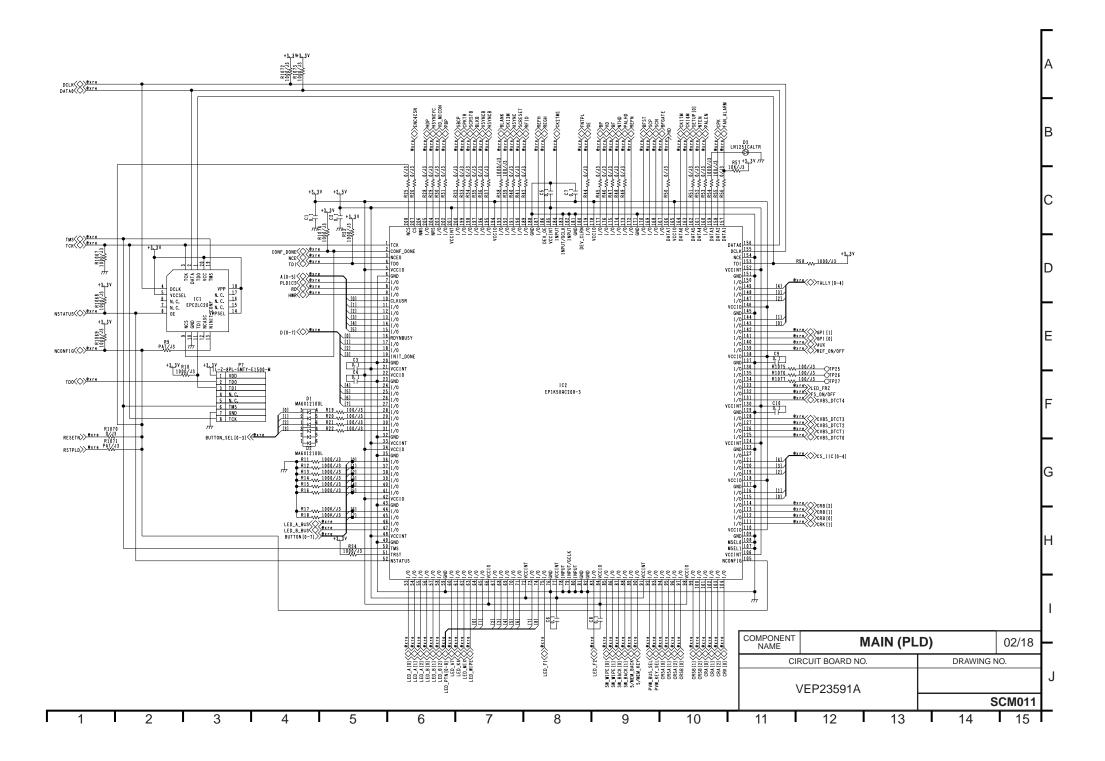


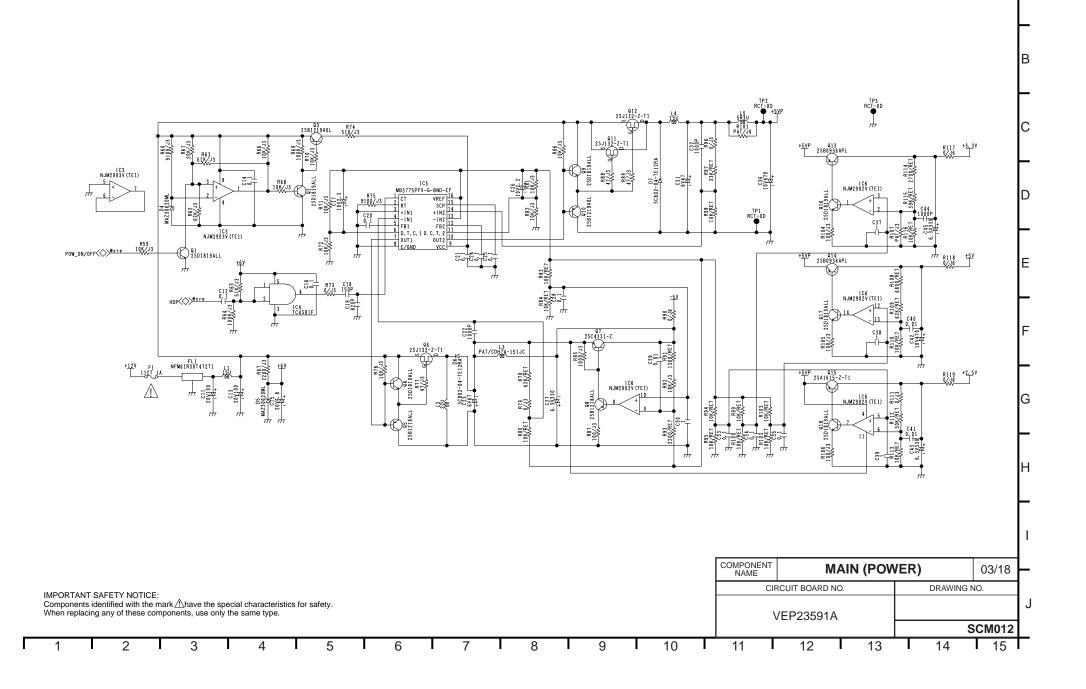


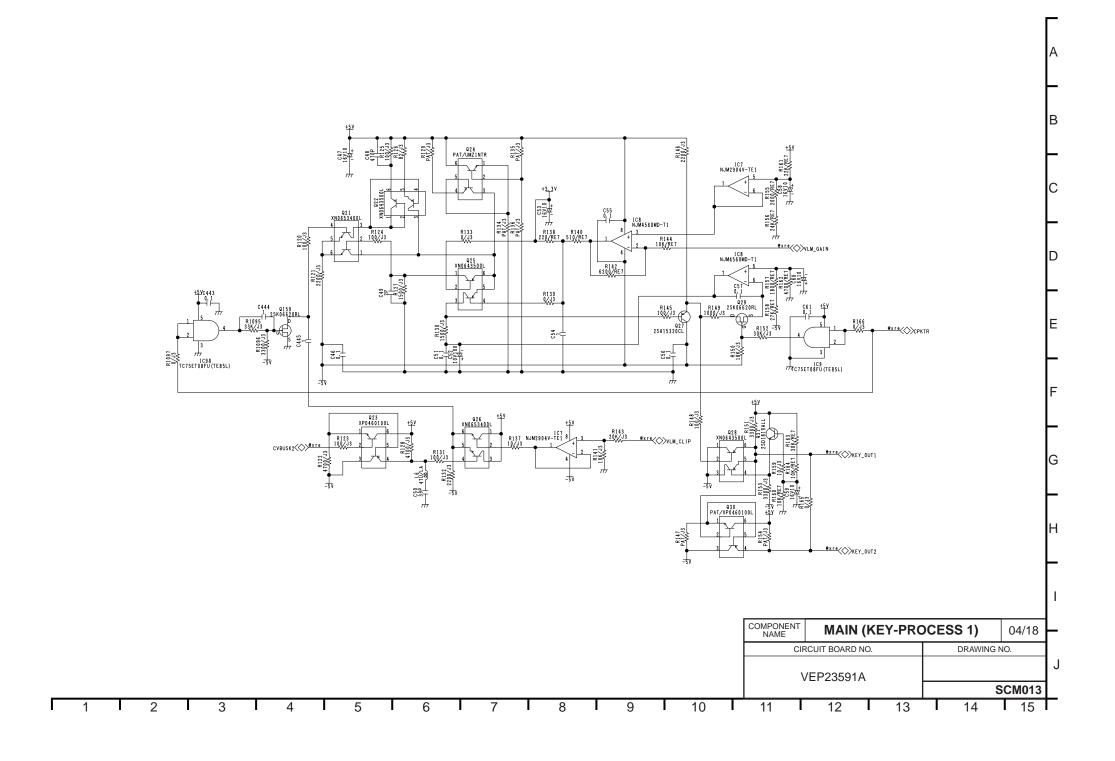


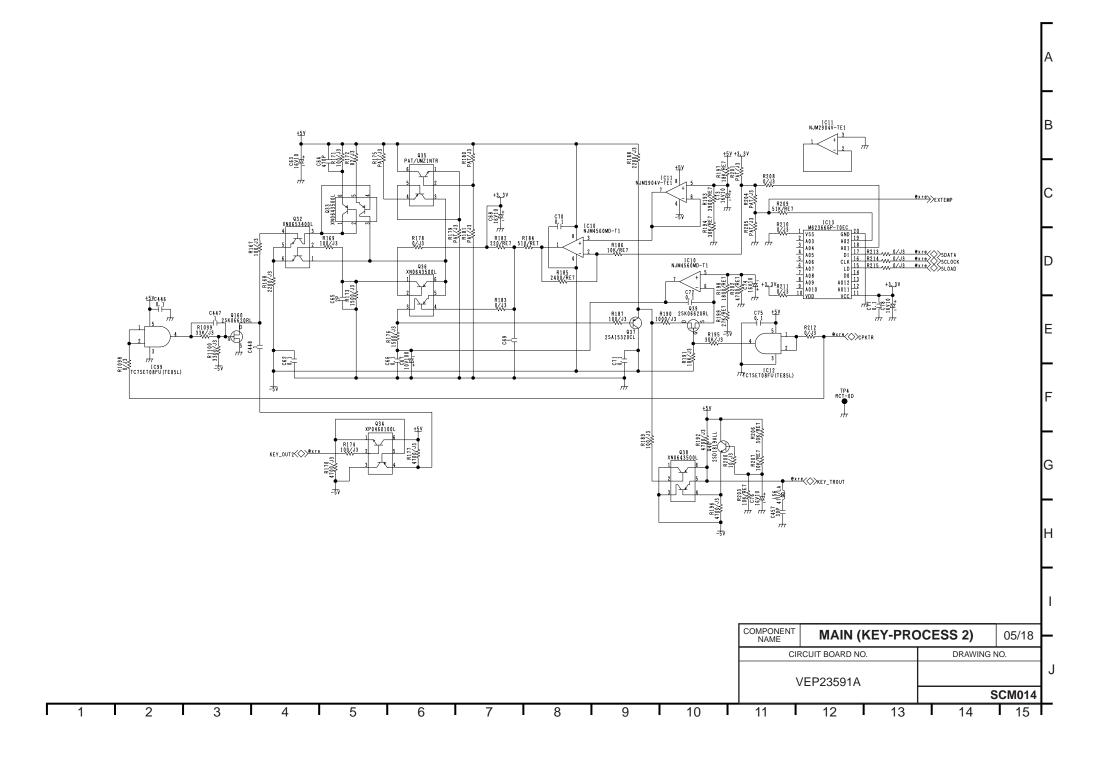


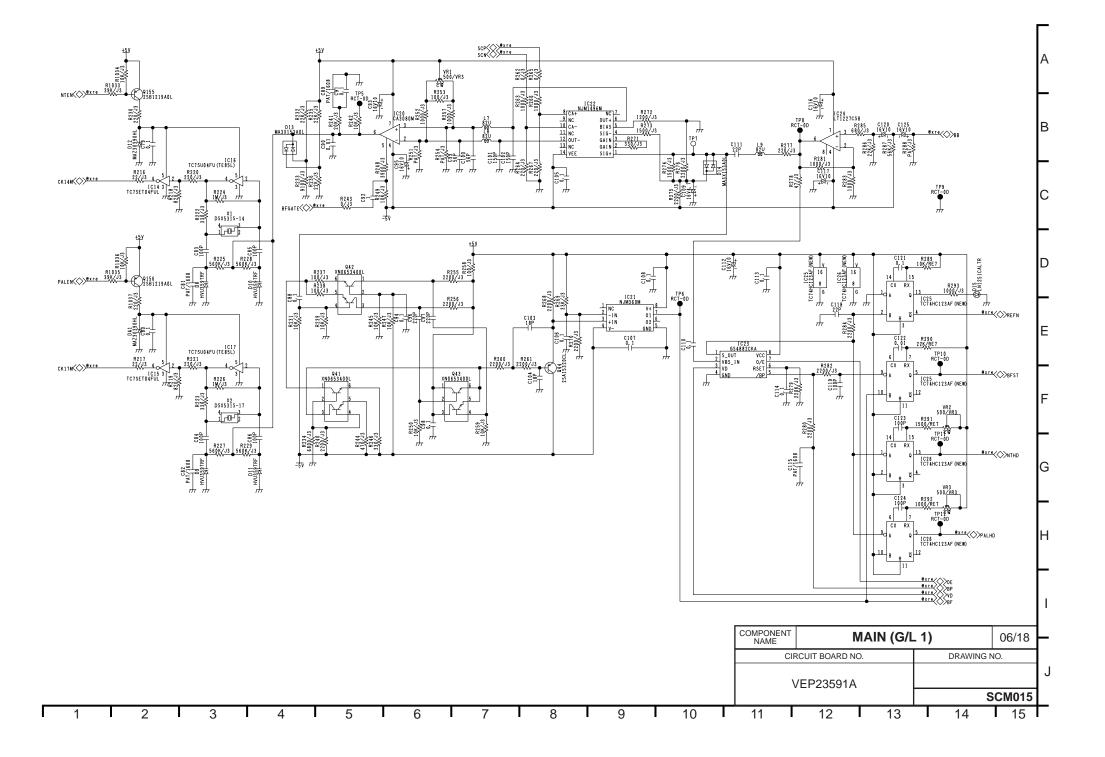


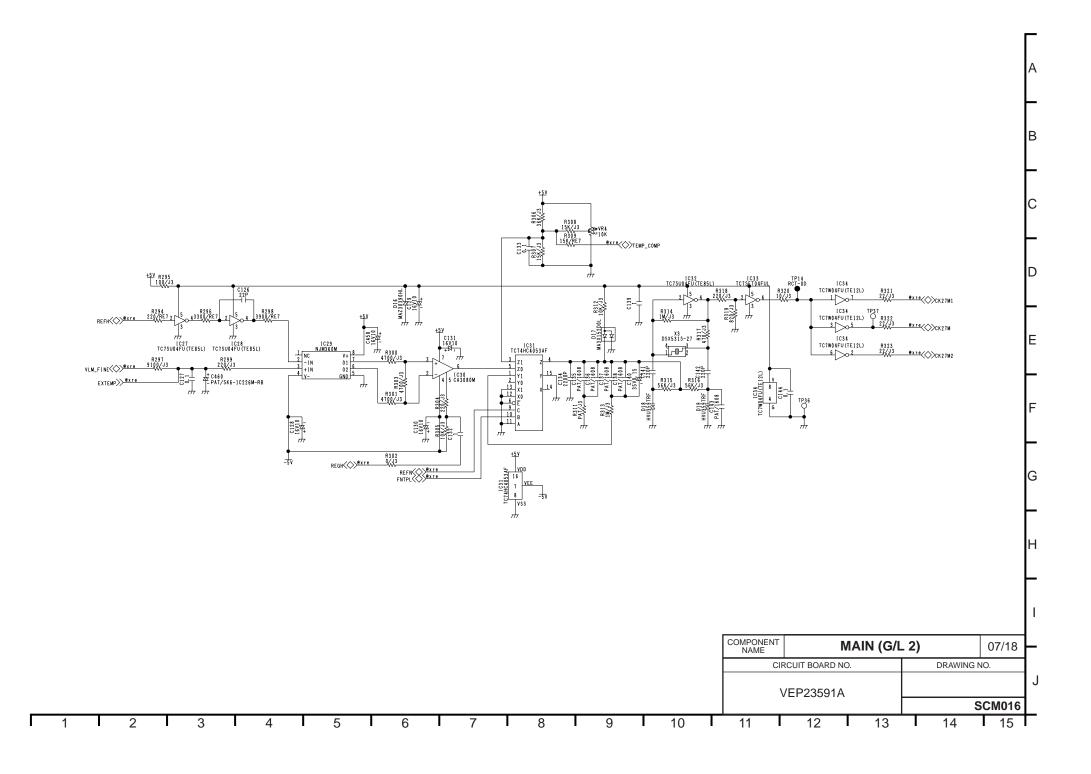


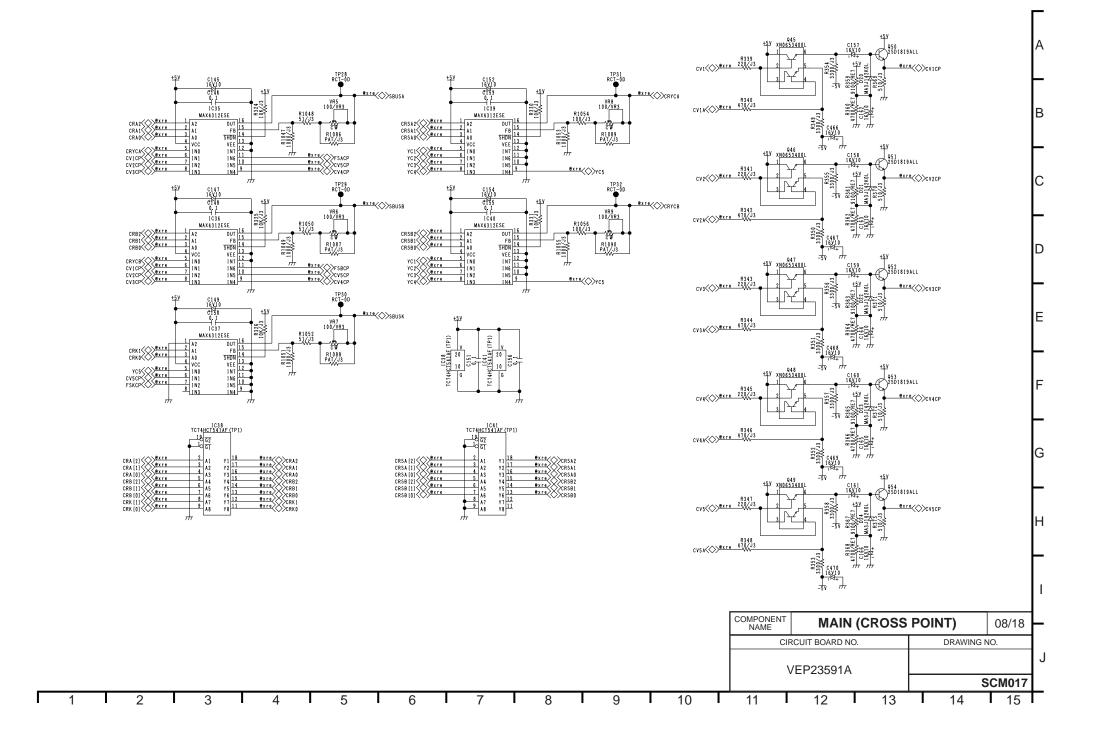


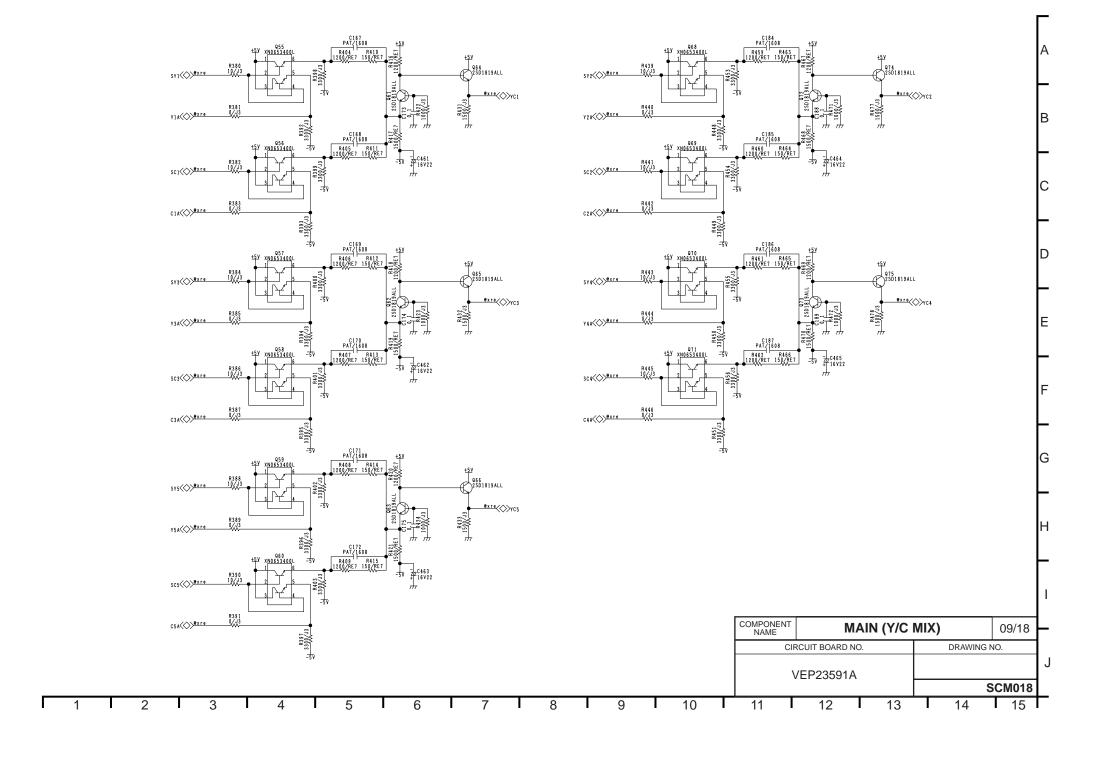


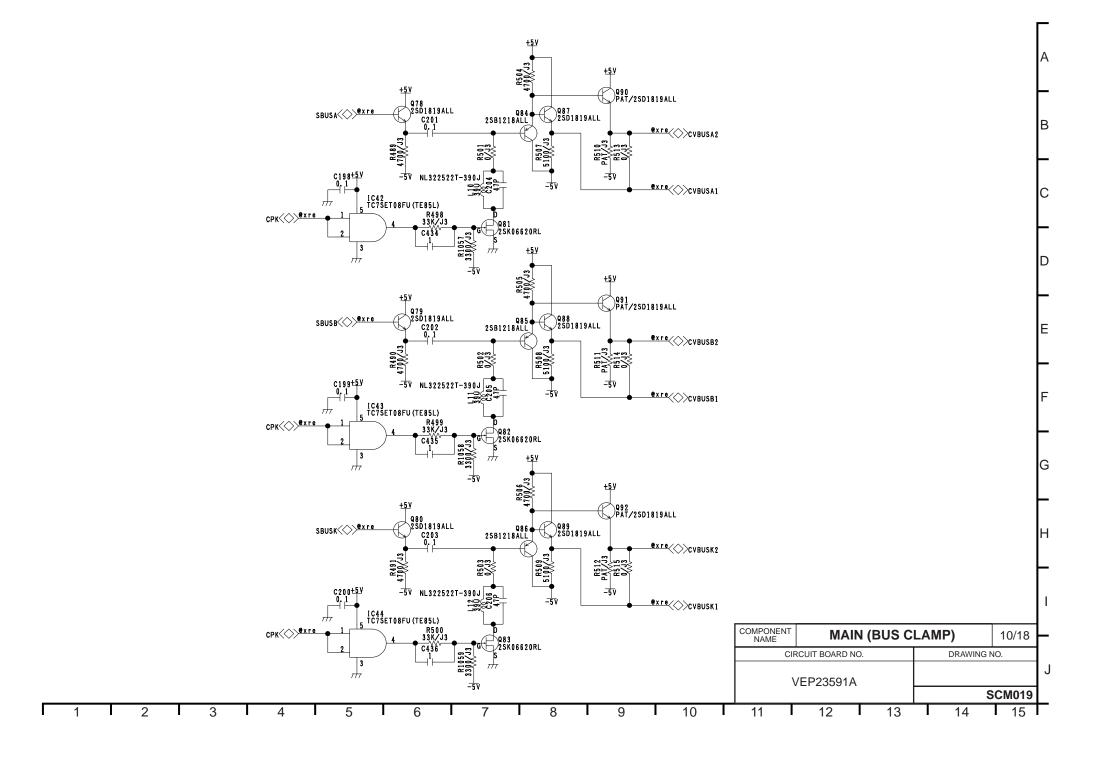


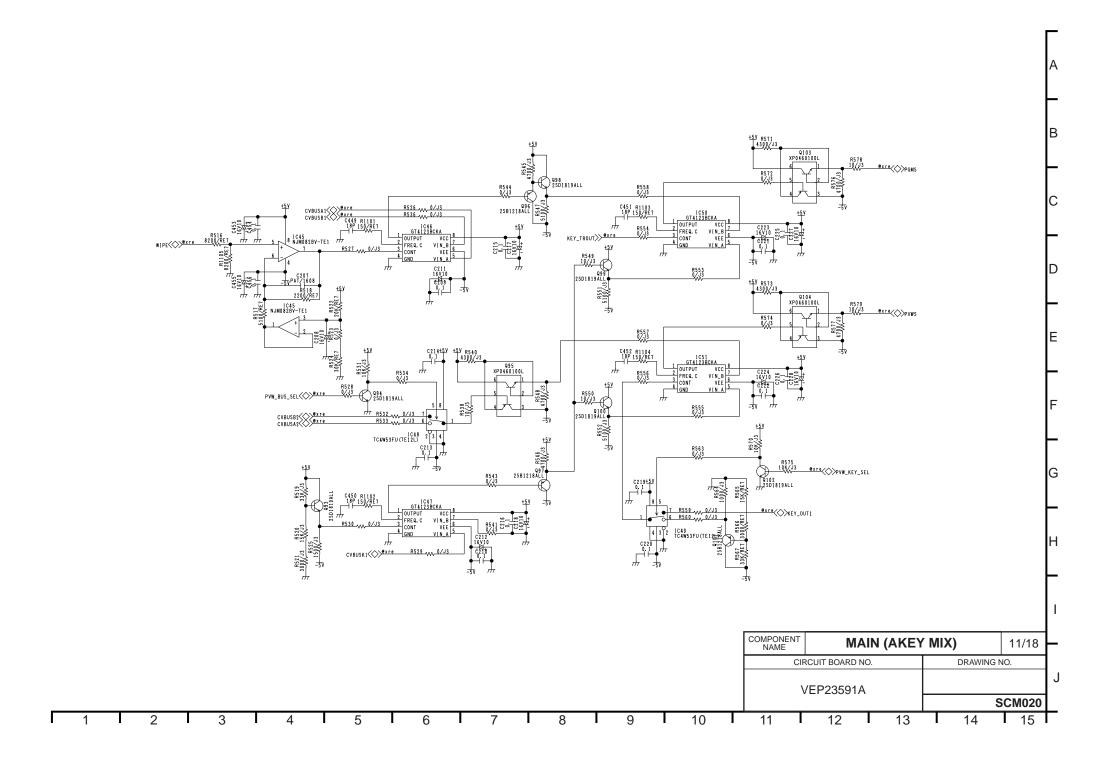


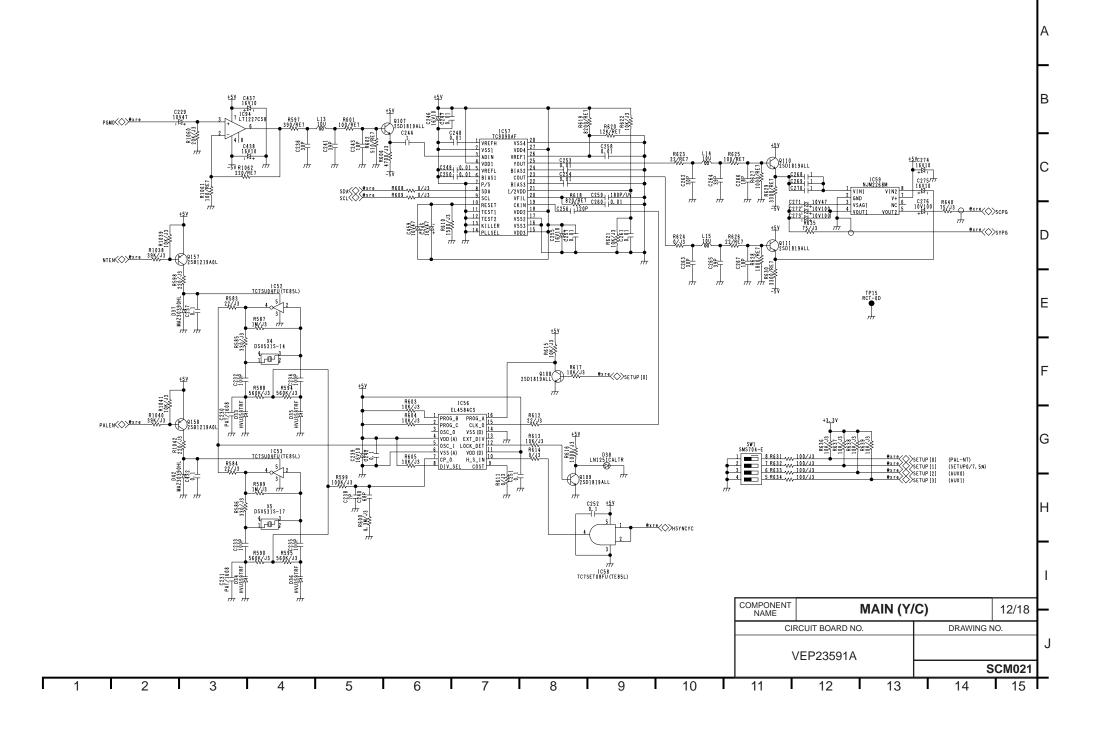


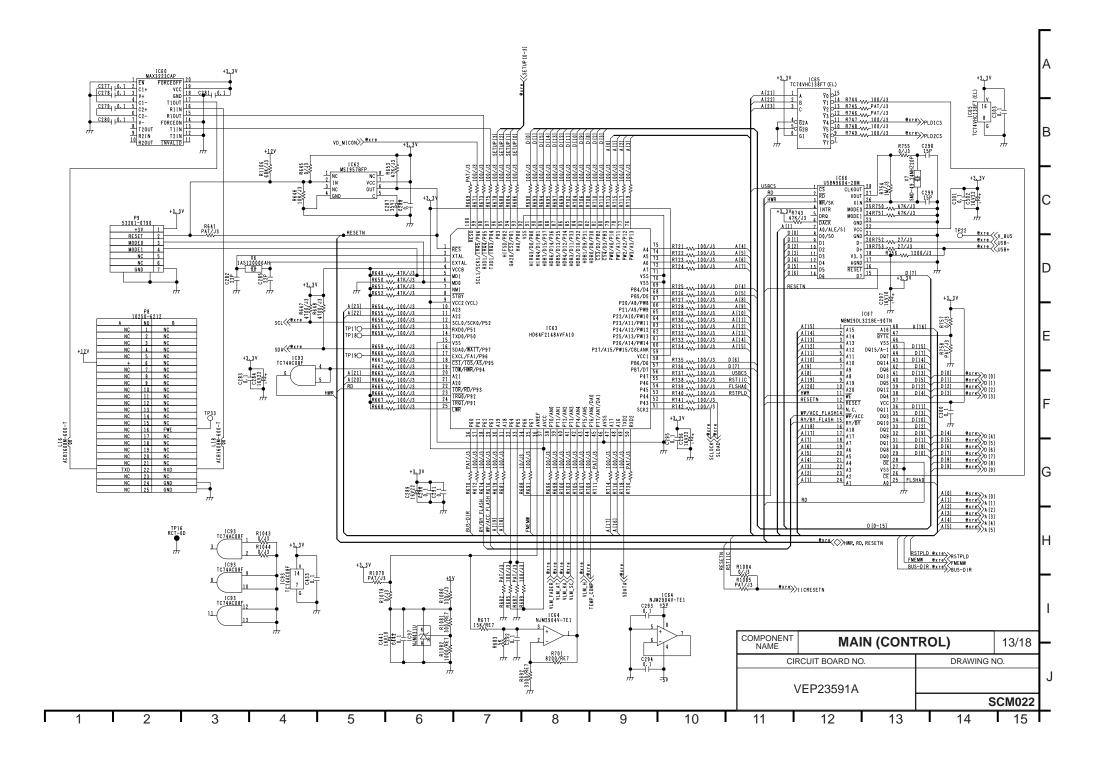


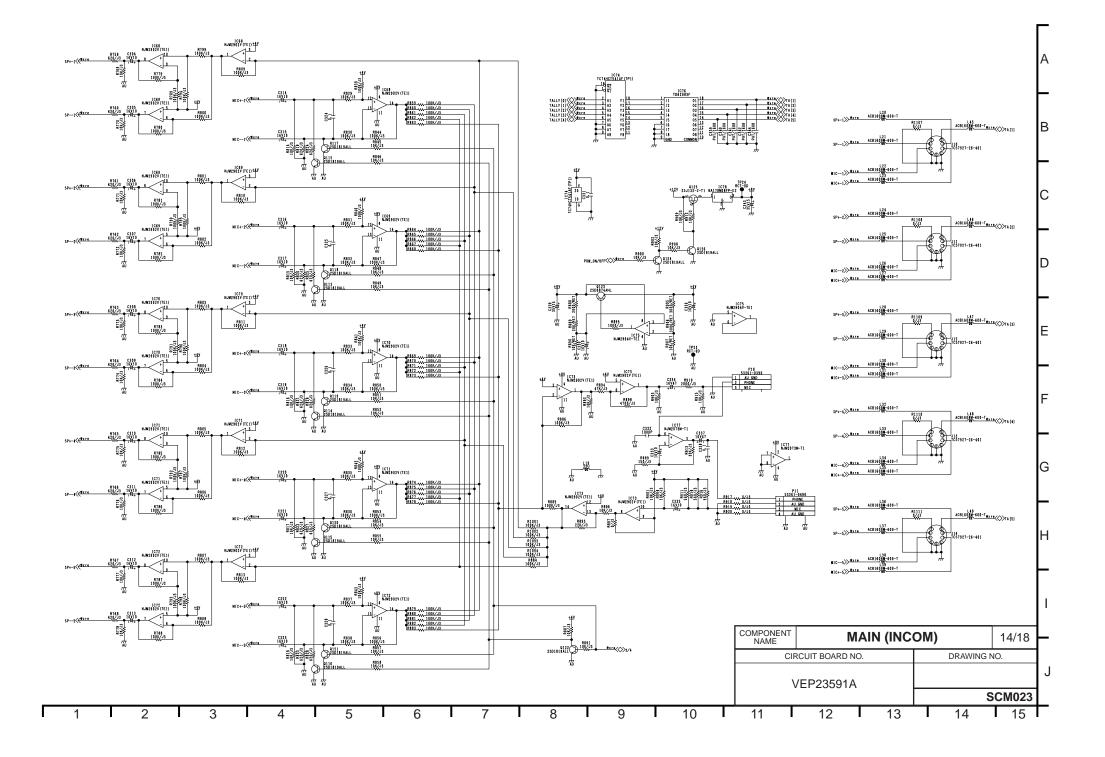


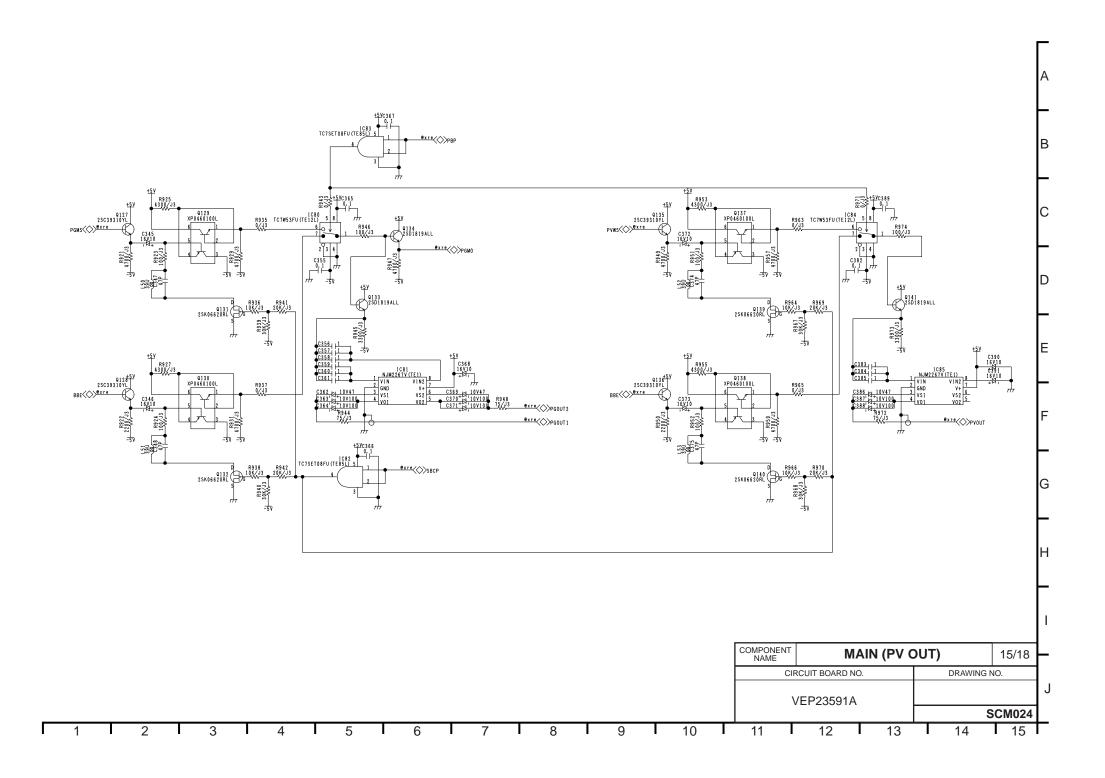


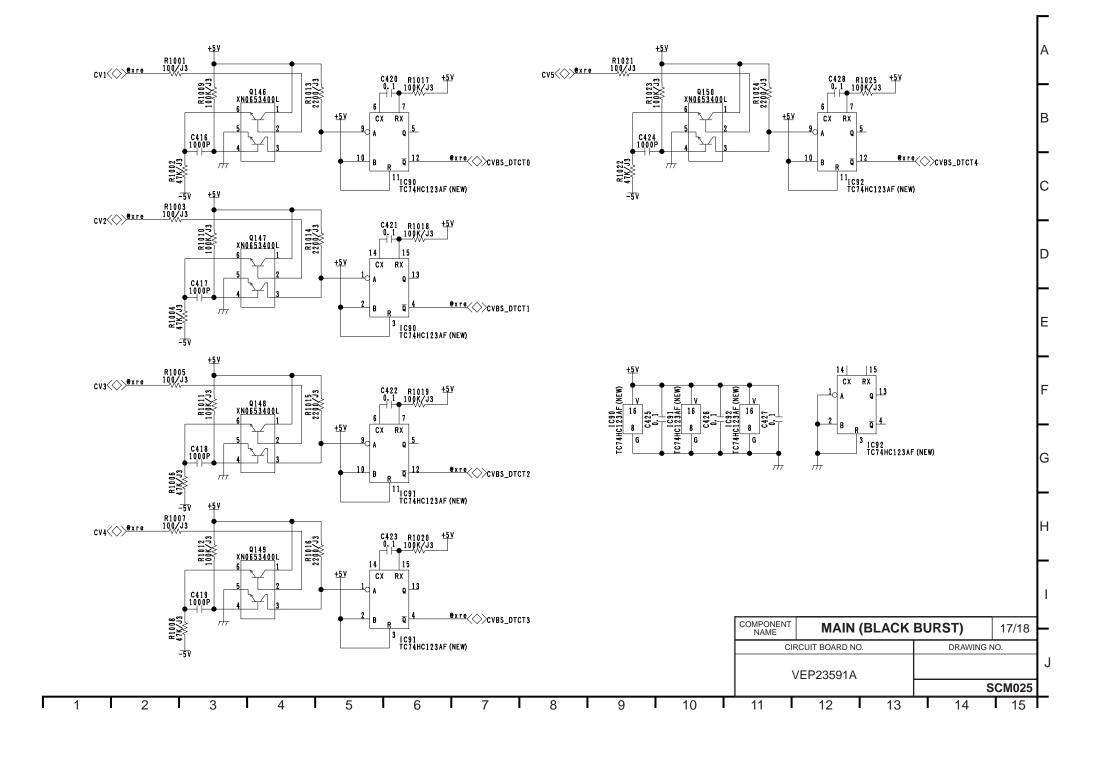


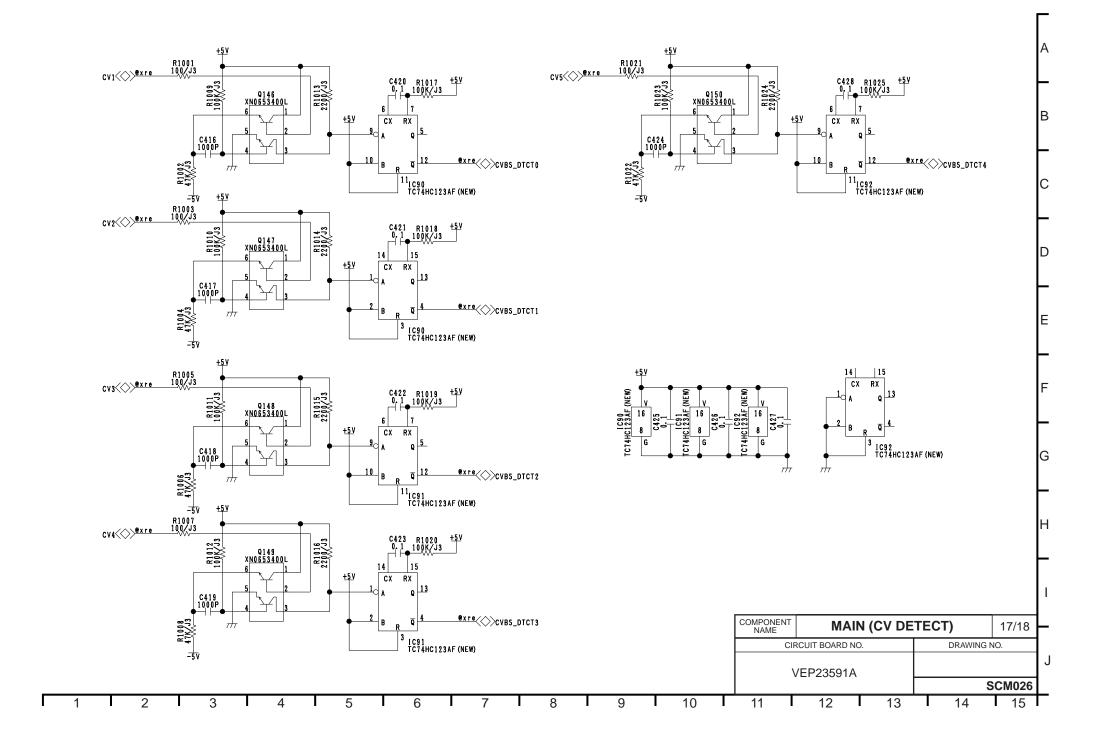


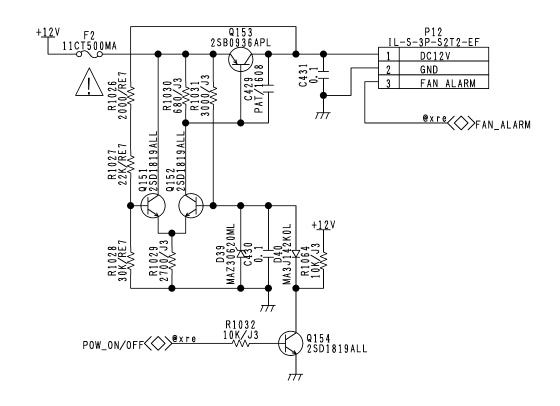






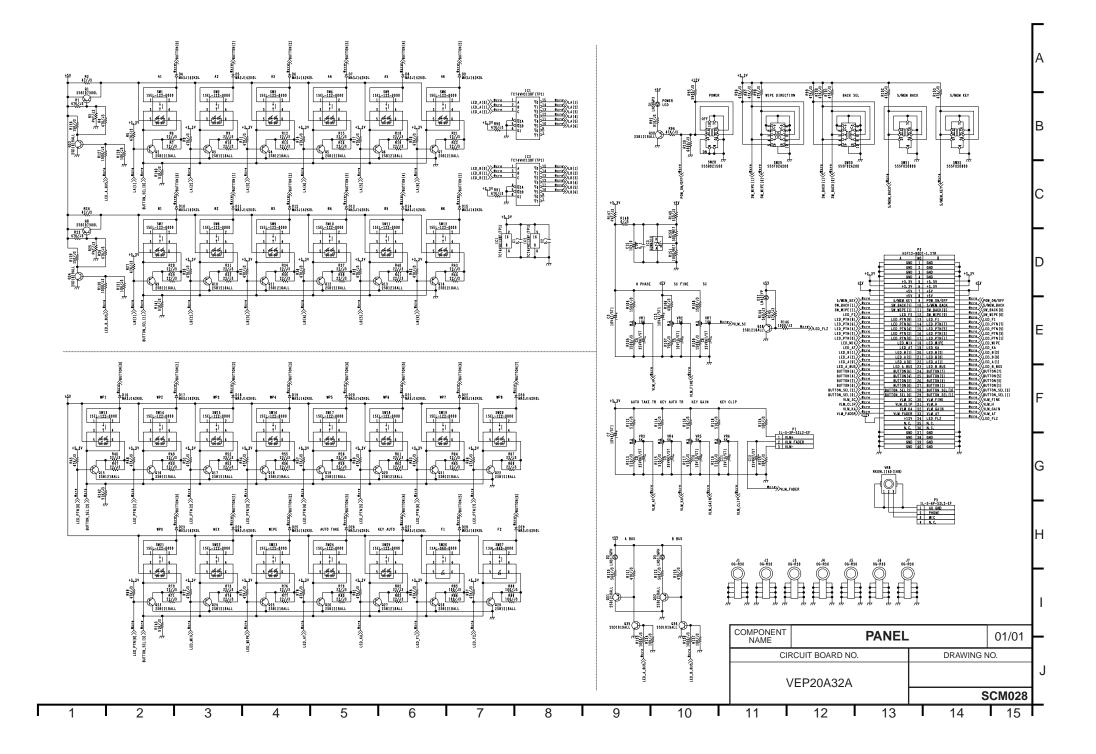


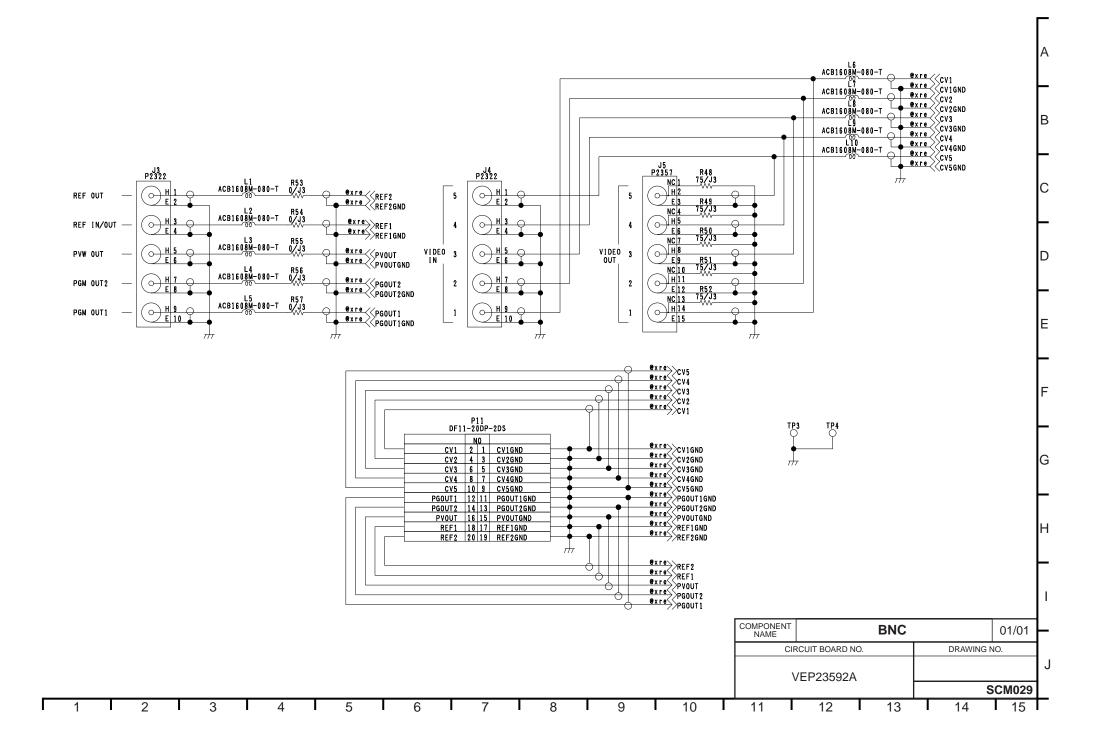


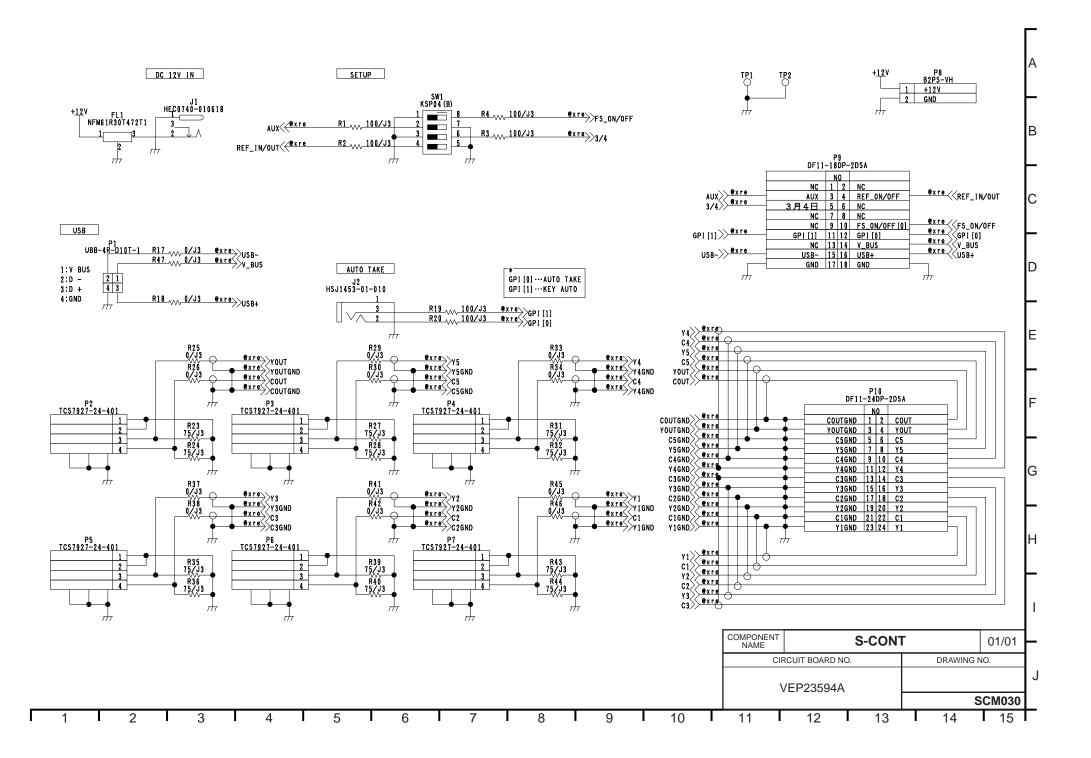


IMPORTANT SAFETY NOTICE:
Components identified with the mark Anave the special characteristics for safety.
When replacing any of these components, use only the same type.

COMPONENT NAME	r	MAIN (FA	N)	)		18/18 NO.  SCM027	Н			
CIF	RCUIT BOARD NO	).			DRAWING NO.					
\	/EP23591A						J			
					S	CM027				
11	12	13			14	15	Γ			







# SECTION 4

# **CIRCUIT BOARD DIAGRAMS**

#### NOTE:

DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER SHOWN IN THE PARTS LIST, AND MAY BE SLIGHTLY DIFFRENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

#### CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT

PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

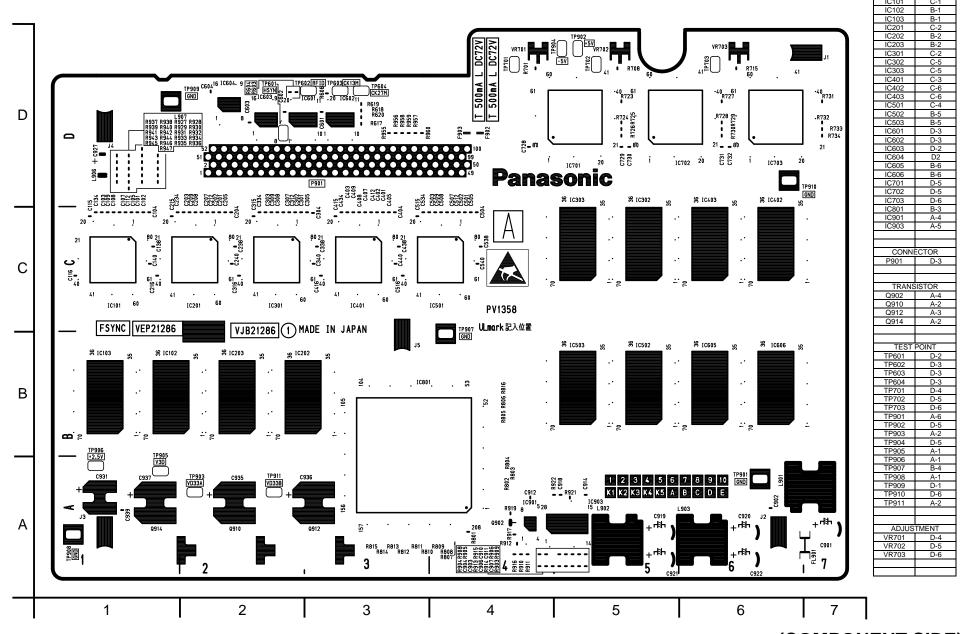
#### IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK  $\Delta$  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

#### **CONTENTS**

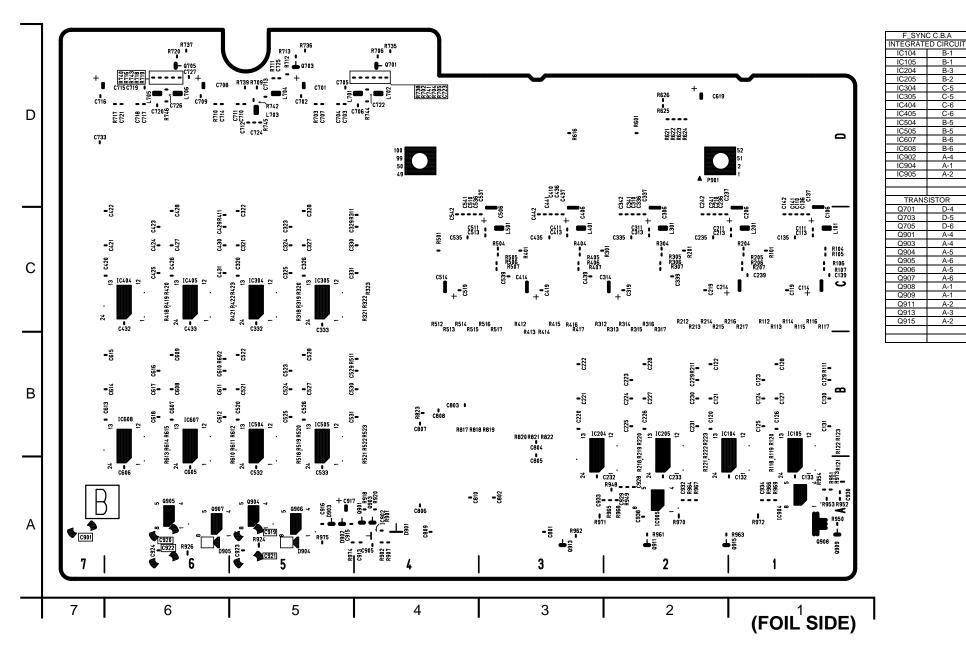
F_SYNC C.B.A. (VEP21286A)	CBA-1
MAIN C.B.A. (VEP23591A)	CBA-3
PANEL C.B.A. (VEP20A32A)	CBA-5
BNC C.B.A. (VEP23592A)	CBA-7
S_CONT C.B.A. (VEP23594A)	CBA-8

## **F\_SYNC C.B.A (VEP21286A)**

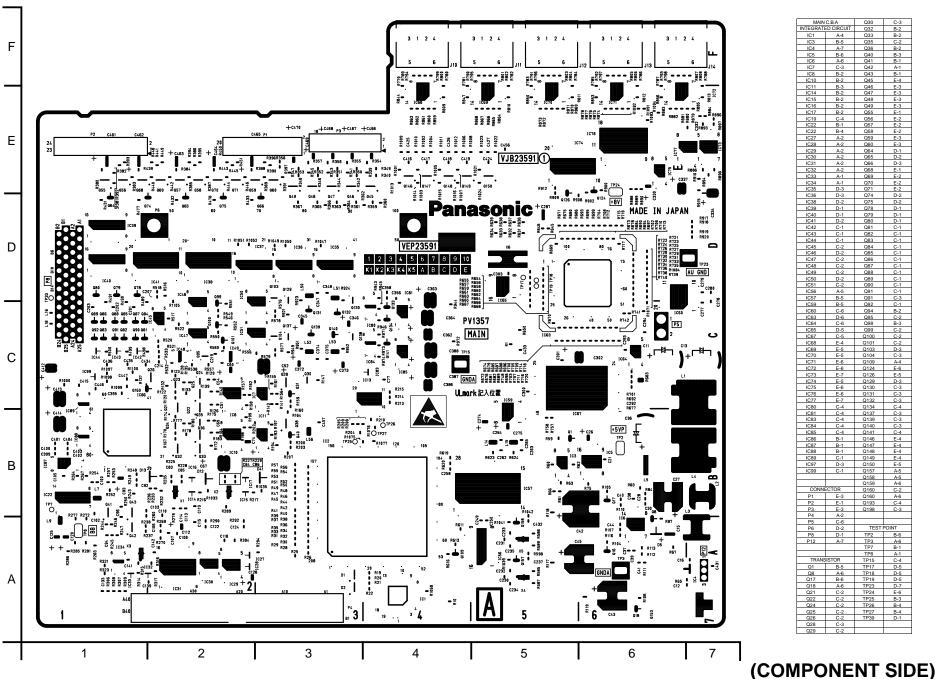


(COMPONENT SIDE)

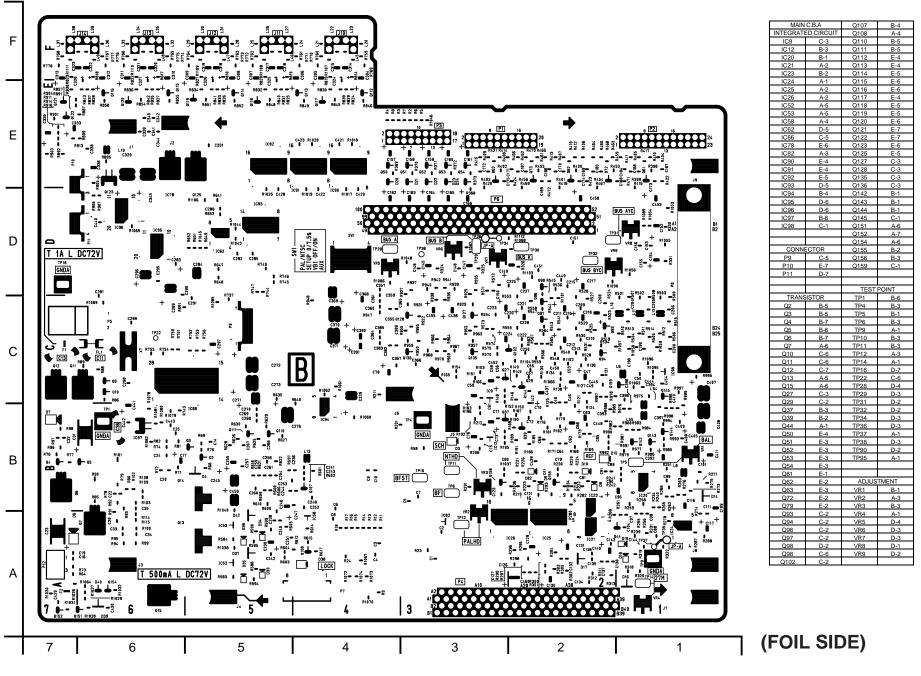
## F\_SYNC C.B.A (VEP21286A)



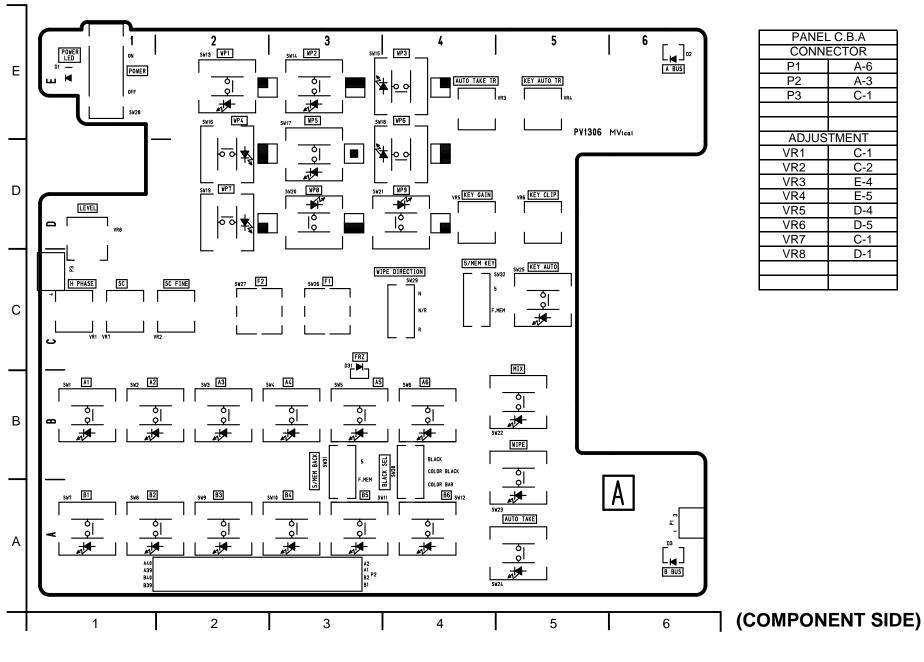
#### **MAIN C.B.A (VEP23591A)**



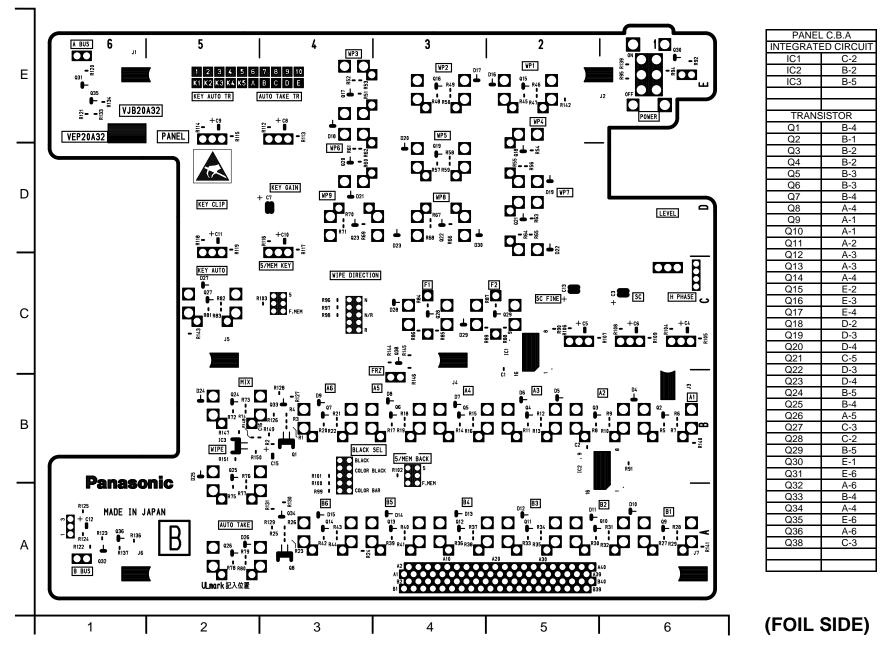
## **MAIN C.B.A (VEP23591A)**



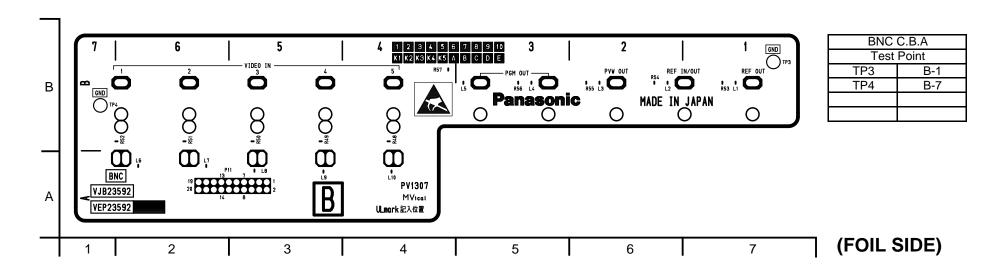
## PANEL C.B.A (VEP20A32A)

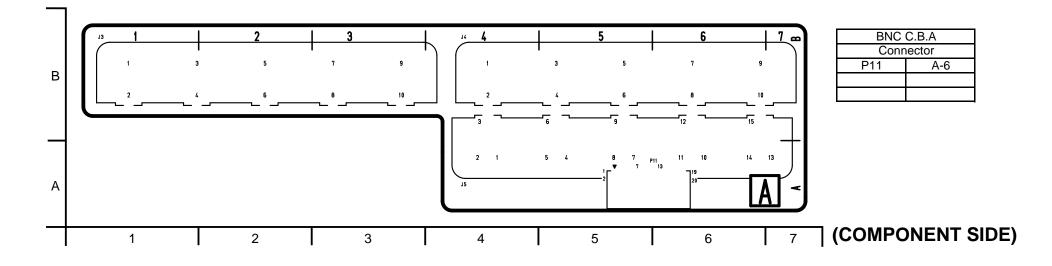


#### **F\_SYNC C.B.A (VEP21286A)**

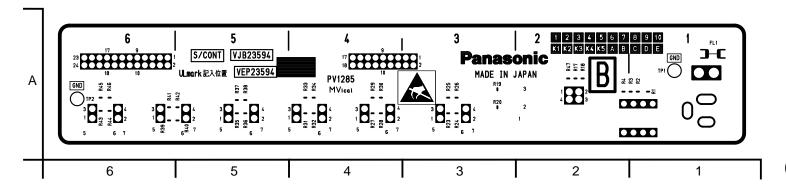


## **BNC C.B.A (VEP23592A)**



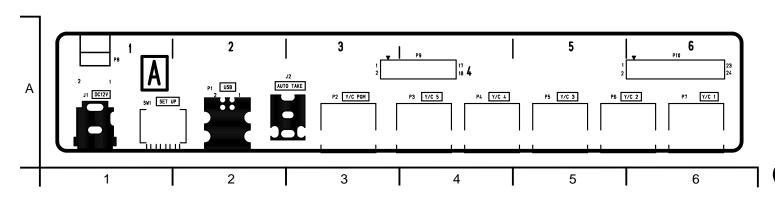


## **S\_CONT C.B.A (VEP23594A)**



S_CON	T C.B.A
TEST	POINT
TP1	A-1
TP2	A-6

(FOIL SIDE)



S_CON	T C.B.A
CONN	ECTOR
P1	A-2
P2	A-3
P3	A-4
P4	A-4
P5	A-5
P6	A-5
P7	A-6
P8	A-1
P9	A-4
P10	A-6

(COMPONENT SIDE)

## SECTION 5

# EXPLODED VIEWS REPLACEMENT PARTS LIST

#### Note:

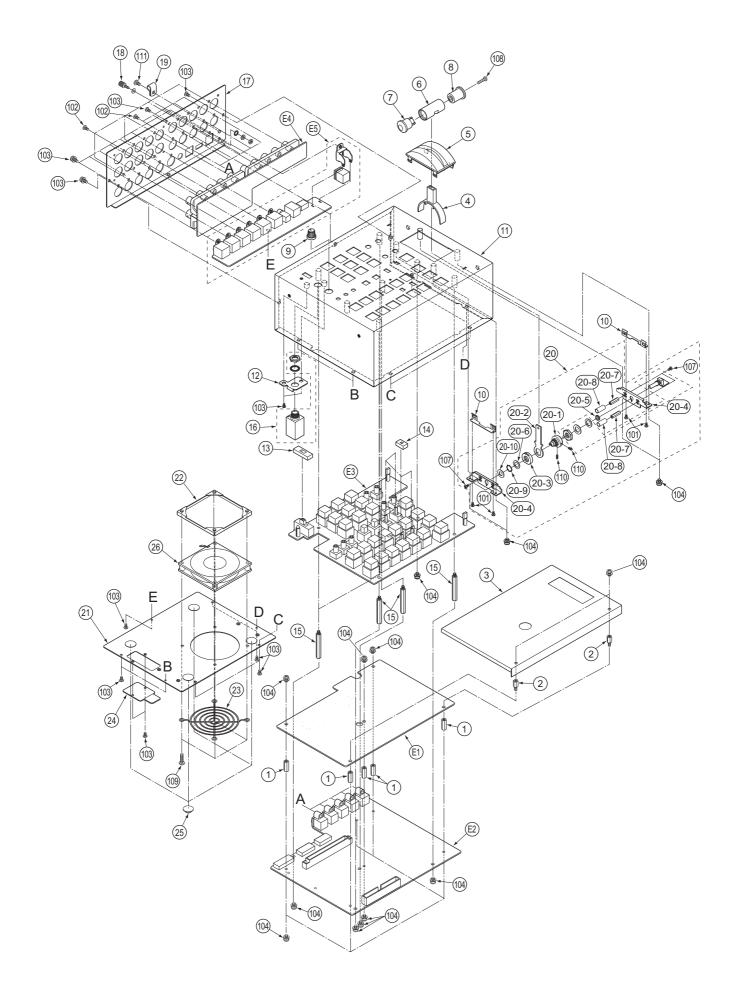
- 1. \*Be sure to make your orders of replacement parts according to this list.
- 2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS ( $\mu$ F), P= $\mu\mu$ F.
- 3. The P.C. Board untils marked with "■" shown below the main assembled parts.
- 4. The parts marked with Eon the exploded view show the electric parts.
- IMPORTANT SAFETY NOTICE
   Components identified with the mark 
   \( \Delta \) have the special characteristics for safety. When replacing any of these components, use only the same type.
- 6. The marking (RTL) indicates the retention time is limited for this item.

  After the diacontinuation of this assembly in production, it will no longer be available.

#### **CONTENTS**

CHASSIS & FRAME ASSEMBLY	PRT-1
PACKING PARTS & ACCESSORIES ASSEMBLY	PRT-3
ELECTRICAL REPLACEMENT PARTS LIST	PRT-4

#### **CHASSIS & FRAME ASSEMBLY**

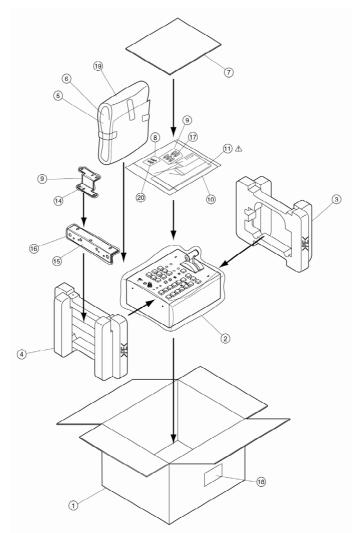


#### **CHASSIS & FRAME ASSEMBLY**

		O I NAIVIL A	_					_	
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Rema
1	VMX3353	SPACER	5		TC/.INO.		. a.c.tame a pescription	. 53	IVEIII
			_		<b> </b>			1	
2	2Y1A047A	SPACER	2					1	
3	VMZ3394	SHEET	1			<u></u>		1	1
4	V5EA1151A3	FADER LEVER COVER	1					t	
			+					1	
5	V5EA1150B3	FADE COVER	1		l <del></del>			1	
6	VGU9111	FADER GRIP	1					L	
7	VGU9110	FADER CAP B	1						
8	VGU9109	FADER CAP A	1					1	
			- '					-	
9	V5RA0279D3	VR KNOB	1						
10	VMA0R32	FADER ANGLE	2						
11	VMK0591	PANEL	- 1						
			+ :					+	
12	VMA0R34	INCAM JACK ANGLE	1						
13	5E1A017A	SWITCH CUSHION	1						
14	5E1A018A	SW CUSHION (B)	4						
			+:					-	
15	VMX3345	SPACER	5					<u> </u>	
16	VEE0Y34	INCAM JACK	1						
17	VMK0592	REAR PANEL	1						
	2G1A001A	EARTH TERMINAL	4					†	
			1		l <del>  </del>			1	
19	NK3N	CORD CLAMPER	1					L	
20	VEQ3949	FADER ASS'Y	1					1	
20-1	V4HA0192B3	FADER SHAFT	1					t	
			+ '		l <del> </del>		<del> </del>	1	<b> </b>
20-2	V4RA0103A4	FADER LEVER	1					1	
20-3	V1FA0074A4	LOCK NUT	1					1	<u> </u>
20-4	V2KA0078A4	FADER LEVER CHASSIS	2					1	
			+		l			+	1
20-5	V2NA0399B4	FADER SPACER	1		l <del> </del>			1	
20-6	V1KA0151A4	FADER WASHER (A)	2			<u></u>		<u>L</u>	
20-7	MASB320	HEX SPACER	2			<u></u>		1	·
20-8	VMG1575	SILENCE CAP	2					t	l
	V4JA0446A4		+ -		l <del>  </del>		<del> </del>	+-	<del>                                     </del>
20-9		FADER SPACER	1		l			1	
20-10	V1KA0152A4	FADER WASHER (B)	1		L			L	
21	VMK0593	CHASSIS	1						
22	VMA0R35	FAN HOLDER ANGLE	-1					t	1
			+-'		l			1	-
	08172	FAN GUARD	1		L				
24	VMA0R33	CONNECTOR CAP	1					1	<u> </u>
25	SJ-5003	RUBBER FOOT	4					Î	
		FAN	1				<del> </del>	+	1
26	VEE0Y33	LON	1		l <del> </del>		ļ	1	
		1	1		<u> </u>			1	
101	XYM2+J6FX	SCREW	4			<u></u>		1	1
102	XTB3+8CFN	SCREW	11					t	
		SCREW	21				<del> </del>	+	1
103	XSB3+6FN				l <del></del>			1	
104	XYN3+J6FX	SCREW	20					<u> </u>	
107	XSB3+8FZ	SCREW	4			<u></u>		1	<u> </u>
108	XTN3+12GFN	SCREW	1					t	
					l <del> </del>			+-	1
109	XSB4+22FN	SCREW	4		l			1	
110	XXE26D8FX	SCREW	2		L			L	
111	XYN3+F8FN	SCREW	1						
		1	1					t	
		1	+		l			1-	
		1	1		<u> </u>			1	
_		1	1		<b> </b>			1	1
			1					1	
E-1	VEP21286A	FSYNC P.C.BOARD	1					+	
			-		l <del> </del>		ļ	1	<b> </b>
E-2	VEP23591A	MAIN P.C.BOARD	1					<u> </u>	
E-3	VEP20A32A	PANEL P.C.BOARD	1			<u></u>		1	1
E-4	VEP23592A	BNC P.C.BOARD	1					t	
			+ :		l <del> </del>			+-	<del>                                     </del>
E-5	VEP23594A	S CONT P.C.BOARD	1					1	
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			1		l <del>  </del>			1	<b></b>
	<u>l                                      </u>	<u>l</u>	L	<u> </u>	l L	<u></u>	<u> </u>	L	<u> </u>
			T						
	1		+					t	1
		1	1		l <del> </del>			1	<del>                                     </del>

#### **PACKING PARTS & ACCESSORIES ASSEMBLY**

Components identified with the mark  $\triangle$  have the special characteristics for safety. When replacing any of these components, use only the same type.



#### **PACKING PARTS & ACCESSORIES ASSEMBLY**

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks		Ref.No.	Ref.No. Part No.	Ref.No. Part No. Part Name & Description	Ref.No. Part No. Part Name & Description Pcs
				-					
1	VPG0T86	PACKING CASE	1						
2	PE35X50C05B	POLYETHYLENE BAG	1						
3	VPN6039	CUSHION A	1						
4	VPN6040	CUSHION B	1		Ц				
5	YWT15X20C03	POLYETHYLENE BAG	1						
6	VXF0184	CD ROM	1						
7	VPN6060	PAD (UPPER)	1						
8	YWT050803	POLYETHYLENE BAG	1		l				
9	YWT10X16C03	POLYETHYLENE BAG	2						
10	PE20X35C05B	POLYETHYLENE BAG	1						
11	VQT0Z92	OPERATING INSTRUCTIONS	1	AW-SW350P	ı				
11	VQT0Z93	OPERATING INSTRUCTIONS	1	AW-SW350E					
14	VMA0R31	JOINT ANGLE	1						
15	A5PA0074A3	LUCK ANGLE	2		l				
16	PE20X25C05B	POLYETHYLENE BAG	1						
17	K1DA06A00005	INCAM PLUG	5						
18	VQL9823	PACKING LABEL	2						
19	VPN6055	AIR CAP	1						
20	XSB4+8FN	SCREW	8						

## **ELECTRICAL REPLACEMENT PARTS LIST**

									_	т
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Desc	ription	Pc:	Remarks
		•			C337, 38		C. CAPACITOR CH6. 3V	2. 2U	2	,
<b>■</b> E1	VEP21286A	F SYNC P. C. BOARD	1	(RTL)	C339		C. CAPACITOR CH 10V	10	1	<del> </del>
<b>-</b> L1	VLIZIZOUA	1 31NO 1. O. DOARD	<u>'</u>	(KIL)	C340		C. CAPACITOR CH6. 3V	2. 2U	+;	+
			١.						H.	
■ E2	VEP23591A	MAIN P. C. BOARD	1	(RTL)	C341		C. CAPACITOR CH 10V	1U	1	
					C342	ECJ1VB0J225M	C. CAPACITOR CH6. 3V	2. 2U	1	
■ E3	VEP20A32A	PANEL P. C. BOARD	1	(RTL)	C401-03	F1H1E104A016	C. CAPACITOR CH 25V	0. 1U	3	;
					C404		C. CAPACITOR CH 10V	1U	1	
<b>■</b> E4	VEP23592A	BNC P. C. BOARD	1	(RTL)	C405		C. CAPACITOR CH 25V	0. 1U	1	<del> </del>
■ L4	VLFZSSSZA	DNC F. C. DOARD	_ '	(KIL)					H.	
					C406		T. CAPACITOR CH 10V	22U	_ 1	
■ E5	VEP23594A	S CONT P. C. BOARD	1	(RTL)	C407	F1H1A105A004	C. CAPACITOR CH 10V	10	1	
					C408	F1H1E104A016	C. CAPACITOR CH 25V	0. 1U	1	
					C409		C. CAPACITOR CH 10V	1U	1	
									+ ;	<del>                                     </del>
					C410		C. CAPACITOR CH 25V	0. 1U	₽!	
					C411	F1H1A105A004	C. CAPACITOR CH 10V	10	1	
Ų					C412	ECJ1VB0J225M	C. CAPACITOR CH6. 3V	2. 2U	1	
					C413	F1H1A105A004	C. CAPACITOR CH 10V	10	1	
					C414	F3G1A2260001	T. CAPACITOR CH 10V	22U	1	
					C415, 16		C. CAPACITOR CH6. 3V	2. 2U	-	,
									14	:
					C419-36		C. CAPACITOR CH 10V	10	18	
					C437, 38	ECJ1VB0J225M	C. CAPACITOR CH6. 3V	2. 2U	2	
<b>■</b> E1	VEP21286A	F SYNC P. C. BOARD	1	(RTL)	C439	F1H1A105A004	C. CAPACITOR CH 10V	1U	1	
			T		C440		C. CAPACITOR CH6. 3V	2. 2U	1	
	1		-		C441				H	<del>                                     </del>
0101	Etiliteto	O OADAOLTOS OU OSU	<u> </u>				C. CAPACITOR CH 10V	10	닏	+
		C. CAPACITOR CH 25V 0.1U	3		C442		C. CAPACITOR CH6. 3V	2. 2U	$\perp^1$	
C104	F1H1A105A004	C. CAPACITOR CH 10V 1U	1		C501-03	F1H1E104A016	C. CAPACITOR CH 25V	0. 1U	3	•
C105	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	1		C504	F1H1A105A004	C. CAPACITOR CH 10V	1U	1	
C106	F3G1A2260001	T. CAPACITOR CH 10V 22U	1		C505	F1H1F104A016	C. CAPACITOR CH 25V	0. 1U	1	
			+						+∹	+
		C. CAPACITOR CH 10V 1U			C506		T. CAPACITOR CH 10V	22U	₽	+
C108		C. CAPACITOR CH 25V 0.1U	1		C507		C. CAPACITOR CH 10V	1U	1	
C109	F1H1A105A004	C. CAPACITOR CH 10V 1U	1		C508	F1H1E104A016	C. CAPACITOR CH 25V	0. 1U	1	
C110	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	1		C509	F1H1A105A004	C. CAPACITOR CH 10V	1U	1	
C111		C. CAPACITOR CH 10V 1U	1		C510		C. CAPACITOR CH 25V	0. 1U	1	
			1						+;	<del> </del>
		C. CAPACITOR CH6. 3V 2. 2U	-		C511		C. CAPACITOR CH 10V	10	₽'	
C113	F1H1A105A004	C. CAPACITOR CH 10V 1U	1		C512	ECJ1VB0J225M	C. CAPACITOR CH6. 3V	2. 2U	1	
C114	F3G1A2260001	T. CAPACITOR CH 10V 22U	-1		C513	F1H1A105A004	C. CAPACITOR CH 10V	10	1	
C115, 16	ECJ1VB0J225M	C. CAPACITOR CH6. 3V 2. 2U	2		C514	F3G1A2260001	T. CAPACITOR CH 10V	22U	1	
		C. CAPACITOR CH 10V 1U	18		C515, 16		C. CAPACITOR CH6. 3V	2. 2U	2	,
			_						1,	
		C. CAPACITOR CH6. 3V 2. 2U	2		C519-36		C. CAPACITOR CH 10V	10	18	
C139	F1H1A105A004	C. CAPACITOR CH 10V 1U	1		C537, 38	ECJ1VB0J225M	C. CAPACITOR CH6. 3V	2. 2U	2	
C140	ECJ1VB0J225M	C. CAPACITOR CH6. 3V 2. 2U	1		C539	F1H1A105A004	C. CAPACITOR CH 10V	10	1	
C141	F1H1A105A004	C. CAPACITOR CH 10V 1U	1		C540	FCJ1VB0J225M	C. CAPACITOR CH6. 3V	2. 2U	1	
		C. CAPACITOR CH6. 3V 2. 2U	1		C541		C. CAPACITOR CH 10V	10	+	+
			1						H.	
		C. CAPACITOR CH 25V 0.1U	3		C542		C. CAPACITOR CH6. 3V	2. 2U	1	
C204	F1H1A105A004	C. CAPACITOR CH 10V 1U	1		C601-05	ECJ1VB0J225M	C. CAPACITOR CH6. 3V	2. 2U	5	•
C205	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	1		C606-18	F1H1A105A004	C. CAPACITOR CH 10V	1U	13	i
C206	F3G1A2260001	T. CAPACITOR CH 10V 22U	1		C619	F3F1A1060001	T. CAPACITOR CH 10V	10U	1	
		C. CAPACITOR CH 10V 1U	1		C701		T. CAPACITOR CH 10V	10U	+ ;	
			1						⊢;	
C208		C. CAPACITOR CH 25V 0.1U	-		C702-04		C. CAPACITOR CH 25V	0. 1U		1
		C. CAPACITOR CH 10V 1U	1		C705		C. CAPACITOR CH 50V	18P	1	
C210	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	1		C706	F1H1H560A231	C. CAPACITOR CH 50V	56P	1	
		C. CAPACITOR CH 10V 1U	1		C707		C. CAPACITOR CH 25V	0. 1U	1	
		C. CAPACITOR CH6. 3V 2. 2U	1		C708		T. CAPACITOR CH 10V	10U	1	1
			1		C709-11		C. CAPACITOR CH 25V		3	, <del> </del>
	ļ		-					0. 10	_	
		T. CAPACITOR CH 10V 22U	1		C712		C. CAPACITOR CH 50V	18P	1	
C215, 16	ECJ1VB0J225M	C. CAPACITOR CH6. 3V 2. 2U	2		C713	F1H1H560A231	C. CAPACITOR CH 50V	56P	1	<u> </u>
C219-36	F1H1A105A004	C. CAPACITOR CH 10V 1U	18		C714	F1H1E104A016	C. CAPACITOR CH 25V	0. 1U	1	
		C. CAPACITOR CH6. 3V 2. 2U	2		C715		T. CAPACITOR CH 10V	10U	1	
	ļ	C. CAPACITOR CH 10V 1U	1		C716-18		C. CAPACITOR CH 25V	0. 1U	3	
	ļ		+						H.	
C240		C. CAPACITOR CH6. 3V 2. 2U	$\perp$		C719		C. CAPACITOR CH 50V	18P	닏	+
C241	F1H1A105A004	C. CAPACITOR CH 10V 1U	_1		C720	F1H1H560A231	C. CAPACITOR CH 50V	56P	<u></u> 1	
C242	ECJ1VB0J225M	C. CAPACITOR CH6. 3V 2. 2U	1		C721	F1H1E104A016	C. CAPACITOR CH 25V	0. 1U	1	
C301-03	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	3		C722	F1H1H150A231	C. CAPACITOR CH 50V	15P	1	
		C. CAPACITOR CH 10V 1U	1		C723		C. CAPACITOR CH 50V	22U	<del>  1</del>	
			<del>                                     </del>						⊢'	+
C305		C. CAPACITOR CH 25V 0.1U	$\perp$		C724		C. CAPACITOR CH 50V	15P	닏	+
		T. CAPACITOR CH 10V 22U	_1		C725		C. CAPACITOR CH 50V	22U	⊥ 1	<u> </u>
C307	F1H1A105A004	C. CAPACITOR CH 10V 1U	1		C726	F1H1H150A231	C. CAPACITOR CH 50V	15P	1	
C308	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	-1		C727	F1H1H220A231	C. CAPACITOR CH 50V	22U	1	
C309		C. CAPACITOR CH 10V 1U	1		C728-33		C. CAPACITOR CH6. 3V	2. 2U	6	:
			+							
		C. CAPACITOR CH 25V 0. 1U	_1		C801-10		C. CAPACITOR CH 25V	0. 1U	10	
		C. CAPACITOR CH 10V 1U	_1		C901		E. CAPACITOR 20V	22U	1	F2D1D2200003
C311	ECJ1VB0J225M	C. CAPACITOR CH6. 3V 2. 2U	1		C902	F1H1E104A016	C. CAPACITOR CH 25V	0. 1U	1	
		C. CAPACITOR CH 10V 1U	1		C903		C. CAPACITOR CH 50V	0. 01U	1	
C312	F1H1A105A004	//OI OII IOT IU	+		C905		C. CAPACITOR CH 25V	0. 010 0. 1U	<del>ا</del> ۃ	<del>                                     </del>
C312 C313		T CADACITOD OU 10V 00V			U9U0	FINIE TU4AUTO			⊥'	1
C312 C313 C314	F3G1A2260001	T. CAPACITOR CH 10V 22U	-		0000	Estisticocontes				1
C312 C313 C314 C315, 16	F3G1A2260001 ECJ1VB0J225M	C. CAPACITOR CH6. 3V 2. 2U	2		C906, 07		C. CAPACITOR CH 50V	33P	2	
C312 C313 C314 C315, 16	F3G1A2260001 ECJ1VB0J225M		18		C906, 07 C910, 11		C. CAPACITOR CH 50V C. CAPACITOR CH 25V		2	
C312 C313 C314 C315, 16	F3G1A2260001 ECJ1VB0J225M	C. CAPACITOR CH6. 3V 2. 2U							2	

Bef. No.   Part No.		1			T		lorr ropidoling di	ny or triese components, use o	,	are carrie type.
OHITH   PRINCE   CAMPATION COLUMN   CAMPATION COL	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pc:	s Remarks
Part	C912-16					Q908	B1BCGC000001	TRANSISTOR	1	
MILESTAND   C. DAMPITO   C. D. 1920   F. D									1	
General Content   Conten				1					1	<del></del>
March   Marc				- 1	500 4 D0000000				'	<u> </u>
Mathematics									- 1	1
Part	C921, 22	VCEA1CAP330	C. CAPACITOR 16V 33U	2	F2D1C3300002	Q912	2SB936A-Q	TRANSISTOR	1	1
Part	C923, 24	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	2		Q913	2SD1819A-R	TRANSISTOR	1	J
Part	C927	F3F1C1060002	T. CAPACITOR CH 16V 10U	1		Q914	2SB936A-Q	TRANSISTOR	1	
Part				1					1	
MITTER   M				- 1		4510	ZODIOTSK K	TIMIOTOTOR	_ '	+
SPACE   SPAC				- 1						
SERVICE   STATE   ST				1		R101	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	1
September   Sept	C931	F2H0J3310003	E. CAPACITOR 6.3V 330U	1		R104-07	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	1
September   Sept	C932-34	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3	F1H1H103A219	R111	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
COUNTY   C				_					12	
Page									14	•
9991   9992	6938, 39	ECO I VBUJZZOM	G. GAPAGITUR GHb. 3V Z. ZU					· · · · · · · · · · · · · · · · · · ·	ı	1
1999,06, 08   MA-FERM   1999,06									4	•
Display   Disp	D901	MA3062M	DIODE	1		R211	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	1
Display   Disp	D902, 03	MA142WK	DIODE	2		R212-23	D1H810140003	COMBI. R-R 100	12	2
A 1902.00   PURSE   2	D904 05	B0.ICME000014	DIODE	2					1	
A 1992,0 SISSIPPED 1900000 FURSE  FLYSTON  FLYSTER  FLYST	5001,00	DOCUMENT	51052							1
R312-22	A F000 00	VEUE0100000	FUOF	_					4	,
FLEDH   F121H4720003   F12FR   1	∆ F902, 03	VOHOO I 300006	LU9E	2					1	
Red-07   DASPECTATION   RESISTED ON 1 / 16   1   1   1   1   1   1   1   1   1						R312-23	D1H810140003	COMBI.R-R 100	12	2
	FL901	F1Z1H4720003	FILTER	1		R401	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	ı <u> </u>
CIOLOG. 03.0860000756   C								· · · · · · · · · · · · · · · · · · ·	Λ	ı
TOTAL DISCUSSION   C	10101	C1 AR00001754	IC.	1					1	<del> </del>
									1.0	
CO200.   GENEROCO0001   C									_	
COZOL 05   COMPACTOR   CONTROL   COZOL 05   COMPACTOR   COZOL 05   COMPACTOR   COZOL 05   COZOL 0										
1,000,000   10	I C201	C1AB00001754	IC	1		R504-07	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	4	·
				2					1	
CROND. 01 CARROMONT FAIR   C									12	
1932-03   ScheRez000001   C									_	
CHOUR   CARRESTONOON   CARRESTONOON   CARRESTON   CA	10302, 03	C3HBKZ000001	IC	2		R603, 04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	2
	10304, 05	COJBAZ001983	IC	2		R606	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
	LC401	C1AB00001754	IC	1		R610-15			6	i
ICSQL 01   CABROQUOTES   IC									_	
ICSQL 03   GAMEXCOORDOON   C									_	
	IC501	C1AB00001754	IC	1		R625, 26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	2
ICROPT   CAMPA-PROMPS   C   C   C   C   C   C   C   C   C	10502, 03	C3HBKZ000001	IC	2		R702	ERJ3RBD331	M. RESISTOR CH 1/16W 330	1	
ICGO1   COLBARODOCO   IC			IC			R703			1	
ICRO22   COLBAZODISS2   IC									1	-
COSC   COLBANDOZO   C										
COSC   COLBANDOCO21   C				1					1	1
ICOSO, 06   CSHBKZ000001   IC	1C603	COJBAN000210	IC	1		R706	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	1
ICOSO, 06   CSHBKZ000001   IC	10604	COJBAN000211	IC	1		R709	ERJ3RBD331	M. RESISTOR CH 1/16W 330	1	
C607,08   C0JBAZ001838   C				2					1	
1C701-03   002B20000504   1C									1	
IC801										
IC901   COBBRA000024   C				_					- 1	1
1   1   1   1   1   1   1   1   1   1	I C801	EP1K50-208-3	IC	1	C1ZBZ0001794	R713	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	1
10903   0.00BAHH00020   1C	IC901	COBBBA000024	IC	1		R715	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	J
10903   0.00BAHH00020   1C	10902	COJBAA000002	IC	1		R716	ERJ3RBD331	M. RESISTOR CH 1/16W 330	1	
16904.05   N.JM2904M				1					1	
R719									1	
Second Columbia	10904, 05	NJWZ9U4M	10	2					Ľ	:
R723-34   R736FYORDO   M. RESISTOR CH 1/16W   0   12									1	ı
L101   VLQ0163J2R7   C01L   2.7UH   1 G1C2R7J00002   R735-37   ERJ3GEYJ101   M. RESISTOR CH 1/16W   100   3	J1-J5	VJR1095	LUG TERMINAL	5		R720	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
L101   VLQ0163J2R7   C01L   2.7UH   1 G1C2R7J00002   R735-37   ERJ3GEYJ101   M. RESISTOR CH 1/16W   100   3						R723-34	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	12	2
L201   VLQ0163J2R7   C01L   2.7UH   1 G1C2R7J00002   R734-46   ERJ3GEY0R00   M. RESISTOR CH 1/16W   0   3   3   1   1   1   1   1   1   1   1	L101	VLQ0163.J2R7	COIL 2 711H	1	G1C2R7J00002				_	
L301   VL00163J2R7   C01L   2. 7UH   1 G1C2R7J00002   R741-43   ERJ3RBD151   M. RESISTOR CH 1/16W   150   3   3   3   3   3   3   3   3   3									_	
L401   VL00163J2R7   C01L   2. 7UH   1 G1C2R7J00002   R744-46   ERJ3GEYJ390   M. RESISTOR CH 1/16W   39   3   3   3   1   1   1   1   1   1   1									_	
L501   VL00163J2R7   C01L   2.7UH   1 G1C2R7J00002   R801   ERJ3GEYOR00   M. RESISTOR CH 1/16W   0   1									_	
R802-22   D1H810140003   COMBI. R-R   100   21			COIL 2. 7UH	_1	G1C2R7J00002	R744-46	ERJ3GEYJ390	M. RESISTOR CH 1/16W 39	_ 3	3
R802-22   D1H810140003   COMBI. R-R   100   21	L501	VLQ0163J2R7	COIL 2. 7UH	1	G1C2R7J00002	R801	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	1
R823   ERJ3GEYG102   M. RESISTOR CH 1/16W   1K   1				1					21	
Residence   Resi				1					-'	;†
L704   G1C100J00001   C01L   10UH   1				- 1				·	H	+
Residence   Resi				1					1	
Red	L704	G1C100J00001	COIL 10UH	_1			ERJ3RBD203	M. RESISTOR CH 1/16W 20K	_ 2	2
Red	L705	G1C8R2J00002	COIL 8. 2UH	1		R905, 06	ERJ3RBD623	M. RESISTOR CH 1/16W 62K	2	2
R908, 09				1		R907			-	
R910				2						
R911, 12   R913GEYJGS3   M. RESISTOR CH 1/16W   62K   2				3	010407 100004				-	<del> </del>
R913, 14   ERJ3GEYJ153   M. RESISTOR CH 1/16W   15K   2				1	u i 04K / JUUUU4				L¹	
P901   K1KAA0A00086   CONNECTOR (MALE)   1   R915-18   ERJ3GEYJ103   M. RESISTOR CH 1/16W   10K   4	L907	J0JBC0000005	FILTER	_1					_ 2	2
P901   K1KAA0A00086   CONNECTOR (MALE)   1   R915-18   ERJ3GEYJ103   M. RESISTOR CH 1/16W   10K   4		]			-	R913, 14	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	2	<u></u>
R919   ERJ3GEYJ104   M. RESISTOR CH 1/16W 100K 1	P901	K1KAA0A00086	CONNECTOR (MALE)	1		R915-18			4	1
Q701         2SB1218ALL         TRANSISTOR         1         R920         ERJ3GEYJ103         M. RESISTOR CH 1/16W         10K         1           Q703         2SB1218ALL         TRANSISTOR         1         R921         ERJ3GEYJ104         M. RESISTOR CH 1/16W         10K         1           Q705         2SB1218ALL         TRANSISTOR         1         R922         ERJ3GEYOROO         M. RESISTOR CH 1/16W         0         1           Q901-03         2SD1819A-R         TRANSISTOR         3         R924         ERJ6GEYOROO         M. RESISTOR CH 1/10W         0         1									1	;
Q703         2SB1218ALL         TRANSISTOR         1         R921         ERJ3GEYJ104         M. RESISTOR CH 1/16W 100K         1           Q705         2SB1218ALL         TRANSISTOR         1         R922         ERJ3GEYOR00         M. RESISTOR CH 1/16W 0         1           Q901-03         2SD1819A-R         TRANSISTOR         3         R924         ERJ6GEYOR00         M. RESISTOR CH 1/10W 0         1	0701	000101011	TRANSLATOR						Ľ	+
Q705         2SB1218ALL         TRANSISTOR         1         R922         ERJ3GEYOROO         M. RESISTOR CH 1/16W         0         1           Q901-03         2SD1819A-R         TRANSISTOR         3         R924         ERJ6GEYOROO         M. RESISTOR CH 1/10W         0         1									1	1
Q901-03 2SD1819A-R TRANSISTOR 3 R924 ERJ6GEYOROO M. RESISTOR CH 1/10W 0 1	Q703	2SB1218ALL	TRANSISTOR	_ 1	<u> </u>	R921		M. RESISTOR CH 1/16W 100K	<u> </u>	
Q901-03 2SD1819A-R TRANSISTOR 3 R924 ERJ6GEYOROO M. RESISTOR CH 1/10W 0 1			TRANSISTOR	1					1	
				_						;†
R926   ERJ6GEYOROU   M. RESISTOR CH 1/10W   0   1									H	+
	u904-07	R1DEGD000016	TRANSTSTUR	4		К926	EKJ6GEY0R00	M. KESISIUR CH 1/10W 0	1	1
									L	
		1				1		-	Ι	
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Descrip	tion	Pcs	Remarks
R927-36	ERJ3RBD202	M. RESISTOR CH 1/16W 2K	10		C70-72	F1H1E104A016	C. CAPACITOR CH 25V 0	. 1U	3	
R937	ERJ3RBD751	M. RESISTOR CH 1/16W 750	1		C73, 74	F3F1C1060002	T. CAPACITOR CH 16V	10U	2	
R938-46	ERJ3RBD102	M. RESISTOR CH 1/16W 1K	9		C75			. 1U	1	
R947	ERJ3RBD202	M. RESISTOR CH 1/16W 2K	1		C76			10U	1	
R948, 49	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	2		C77			. 1U	- 1	
			_						- 1	
R950	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1		C78			10U	<u> </u>	
R952	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1		C79, 80			. 1U	2	
R953	ERJ3RBD562	M. RESISTOR CH 1/16W 5.6K	1		C83-86	F1H1H101A231		00P	4	
R954	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	1		C88	F1H1E104A016	C. CAPACITOR CH 25V 0	. 1U	1	
R955-60	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	6		C90	F1H1H103A013	C. CAPACITOR CH 50V O.	01U	1	
R961-63	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3		C91	F1H1E104A016	C. CAPACITOR CH 25V 0	. 1U	1	
R964-69	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	6		C92	F1H1A105A004	C. CAPACITOR CH 10V	1U	1	
R970-73	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	4		C93			10U	1	
11070 70	ENGOGETONO	III. REGIOTOR OIL 17 TOIL	_		C94			. 1U	1	
TDC01_04	DOVDDOOO011	M DECLETOD OU 1/OW O	-		C95				- 1	
		M. RESISTOR CH 1/8W 0	4					10U	- 1	
		M. RESISTOR CH 1/8W 0	3		C96, 97			20P	2	
TP901-11	D0YDR0000011	M. RESISTOR CH 1/8W 0	11		C98			. 1U	1	
					C99, 00	F1H1H560A231	C. CAPACITOR CH 50V	56P	2	
VR701, 02	D3EC42020003	V. RESISTOR 2K	2		C101, 02			50P	2	
					C103, 04	F1H1H180A231	C. CAPACITOR CH 50V	18P	2	
					C105-08	F1H1E104A016	C. CAPACITOR CH 25V 0	. 1U	4	,
					C109	F3H1C4750001		. 7U	1	1
					C110			. 1U	1	1
	+				C110	F1H1H220A231		. 10 22U	1	+
<b>-</b> F0	VED00E011	MAIN D. C. DOADD	-	/DTL \					- 1	1
<b>■</b> E2	VEP23591A	MAIN P. C. BOARD	1	(RTL)	C112			10U	1	
	1		_					. 10	2	
						F3F1C1060002		10U	2	
C1-10	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	10		C118	F1H1H220A231	C. CAPACITOR CH 50V	22U	1	
C11	F2D1D1010003	E. CAPACITOR 20V 100U	1		C119	F1H1H101A231	C. CAPACITOR CH 50V 1	00P	1	
C12	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	1		C120	F3F1C1060002		10U	1	
C13	F2D1D1010003		1		C121			. 1U	1	
C14		C. CAPACITOR CH 25V 0.1U	1		C122			01U	1	-
C15		T. CAPACITOR CH 20V 6.8U	1					00P	2	+
						F1H1H101A231				
C16		C. CAPACITOR CH 25V 0.1U	1		C125			10U	1	
C17		T. CAPACITOR CH 10V 2. 2U	1		C126			22U	1	
C18		C. CAPACITOR CH 50V 150P	1		C127			. 1U	1	
C19	ECUX1H821JCV	C. CAPACITOR CH 50V 820P	_1		C128-31	F3F1C1060002	T. CAPACITOR CH 16V	10U	4	
C20, 21	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	2		C132	F1H1A105A004	C. CAPACITOR CH 10V	1U	1	
C22		C. CAPACITOR CH 25V 1000P	1		C133			. 1U	1	
C23	EEFCD0J470R	E. CAPACITOR 6. 3V 47U	1		C134			00P	1	
C24, 25		C. CAPACITOR CH 25V 0.1U	2		C139		C. CAPACITOR CH 10V	1U	1	1
C26		T. CAPACITOR CH 10V 2. 2U	1		C140	F3F1V154A003		54U	- 1	-
C27	F2H0J3310003		1		C141, 42	F1H1H221A231		20P	2	+
C28			·		C141, 42					
		C. CAPACITOR CH 25V 0.1U	1					. 10		
C29		C. CAPACITOR CH 50V 0.01U	1		C145			10U	1	
C30		C. CAPACITOR CH 10V 1U	1		C146			. 1U	1	
C31	EEFCD0J470R	E. CAPACITOR 6. 3V 47U	1		C147	F3F1C1060002	T. CAPACITOR CH 16V	10U	1	
C32	F1H1E1020002	C. CAPACITOR CH 25V 1000P	1		C148	F1H1E104A016	C. CAPACITOR CH 25V 0	. 1U	1	
C33-35	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	3		C149	F3F1C1060002	T. CAPACITOR CH 16V	10U	1	
C36	F2D1D4700002	E. CAPACITOR 20V 47U	1		C150, 51	F1H1E104A016	C. CAPACITOR CH 25V 0	. 1U	2	
C37-39		C. CAPACITOR CH 10V 1U	3		C152			10U	1	
C40, 41		C. CAPACITOR CH 50V 0.01U	2		C153			. 1U	1	1
C42	F2H1A4710001		1		C154			10U	1	1
	F2H1A4710001 F2H0J3310003		_						1	
C43			1		C155, 56			. 10	10	
C44		C. CAPACITOR CH 25V 1000P	1		C157-66			10U	10	
C45	F2H0J3310003		1		C173-75			. 1U	3	
C46		C. CAPACITOR CH 25V 0.1U	1		C188, 89			. 1U	2	
C47	F3F1C1060002	T. CAPACITOR CH 16V 10U	1		C198-03			. 1U	6	
C48	F1H1H471A004	C. CAPACITOR CH 50V 470P	1		C204-06	F1H1H470A231	C. CAPACITOR CH 50V	47P	3	
C49		C. CAPACITOR CH 50V 2P	1		C208			10U	1	
C50		C. CAPACITOR CH 50V 39P	1		C209, 10			. 1U	2	
C51		C. CAPACITOR CH 25V 0.1U	<u> </u>		C211, 12	F3F1C1060002		10U	2	
C52		T. CAPACITOR CH 10V 100U	1		C211, 12			. 1U	4	
			_						_	
C53		T. CAPACITOR CH 16V 10U	1		C217, 18			10U	2	
C54		C. CAPACITOR CH 10V 1U	1		C219-22			. 10	4	
C55-57		C. CAPACITOR CH 25V 0.1U	3		C223, 24	F3F1C1060002		10U	2	
C58-60		T. CAPACITOR CH 16V 10U	3		C225, 26			. 1U	2	
C61, 62	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	2		C227, 28	F3F1C1060002	T. CAPACITOR CH 16V	10U	2	
C63	F3F1C1060002	T. CAPACITOR CH 16V 10U	1		C229	F3H1A4760005	T. CAPACITOR CH 10V	47U	1	
C64		C. CAPACITOR CH 50V 470P	1		C232-35	F1H1H101A231		00P	4	
C65		C. CAPACITOR CH 50V 2P	1		C236	F1H1H300A004		30P	1	1
C66		C. CAPACITOR CH 25V 0.1U	1		C237	F1H1E104A016		. 1U	1	+
			+						- 1	1
C67	F3H1A1070001	T. CAPACITOR CH 10V 100U	L-1		C238	F1H1H7R0A226	C. CAPACITOR CH 50V	7P	1	
C68	F3F1C1060002	T. CAPACITOR CH 16V 10U	1		C239	F3F1C1060002		10U	1	
C69	F1H1A105A004	C. CAPACITOR CH 10V 1U	1		C240	F1H1H680A231	C. CAPACITOR CH 50V	68P	1	
			L					]	_	
·	1									
	•	•	-		-				_	

Mart   No.   Part   No.   Par				VVII	en replacing al	ny of these components, use o	шу	tile same type.
SHIRMSHOUGH   CAPACITIC OF 1976   19   1	Ref No	Part No Part Name & DescriptionPcs	Remarks	Ref No	Part No	Part Name & Description	Pos	Remarks
STATE   SHIPP   STATE   SHIPP   STATE   STATE   SHIPP   SHIP			Remarks				1	Romarks
PRINT   PRIN							1	
PATE							1	
Secretary   Secr							2	
Section   Sect							1	
Color	C245	F3H1C4760008 T. CAPACITOR CH 16V 47U 1		C416-19	F1H1E1020002	C. CAPACITOR CH 25V 1000P	4	
Color	C246	F3F1C1060002 T. CAPACITOR CH 16V 10U 1		C420-23	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	4	
Control   Cont							1	
Company   Comp							1	
Page							4	
PARTIE   P								
CREAT   150   COMPATITION   150	C255	F3F1C1060002 T. CAPACITOR CH 16V 10U 1		C434-36	F1H1A105A004	C. CAPACITOR CH 10V 1U	3	
Description	C256	F1H1H121A231 T. CAPACITOR CH 50V 120U 1		C437, 38	F3F1C1060002	T. CAPACITOR CH 16V 10U	2	
Description	C257, 58	F1H1H103A199 C. CAPACITOR CH 50V 0.01U 2		C439, 40	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	2	
Control   Philips   Control   Cont			:.I1VC1H181.I				1	
CREAK D.   THINDROMONE   CAMPATINE OF SOY SUP   2			io i i o i i o i o i o i o i o i o i o				2	
CORAL FOR   PHINISTRANCE  CAMPATITION OF SWY 189   2								
Cores   Tell							2	
Commonweight   Comm	C264, 65			C446	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	1	
CAST	C266, 67	F1H1H180A231 C. CAPACITOR CH 50V 18P 2		C447, 48	F1H1A105A004	C. CAPACITOR CH 10V 1U	2	
CAST	C268-70	F1H1A105A004 C. CAPACITOR CH 10V 1U 3		C449-52	F1H1H180A231	C. CAPACITOR CH 50V 18P	4	
CAST   Common   Com							1	
CASE   SEPTIONESCONDER   CAMPACITION OF 1199   100   1							1	
CASH   CAMPAINED   CAPACITION   CAPACITION							- 1	
Company   Comp							1	
CASE   FINITE/READACE   CAPACITION OF 1929   1			<u> </u>	C456	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	_ 1	
CASE   FINITE/READACE   CAPACITION OF 1929   1	C277-81	F1H1E104A016 C. CAPACITOR CH 25V O. 1U 5	11	C457	F1H1H390A231	C. CAPACITOR CH 50V 39P	1	
Section   Company   Comp			11				1	
			I				1	
CASES   FINITE COMPANDED   CAMPACTER CH 507   220   1			WII 00000004				-	
Part			SH1G2260004					
Part   December   Part   December   Part   December   Part   December   Part   December   Decembe	C285	F1H1H220A231 C. CAPACITOR CH 50V 22U 1	1F	C466-70	F3F1C1060002	T. CAPACITOR CH 16V 10U	5	
Part   December   Part   December   Part   December   Part   December   Part   December   Decembe	C287	F3G1V105A005 T. CAPACITOR CH 35V 1U 1	11					
C289-96   Schille (C289-10   C.APACITIG CH 16V   22U   1   FSHICZE00004   D2   D4   D5   D6   D7   D6   D7   D7   D7   D7   D7				D1 D2	MA121	DIODE	2	
Dec   Part   Dec			PH102260004				1	
Section   Sect			011102200004				-	
Capacity   Capacity	C290-95	F1H1E104A016 C. CAPACITOR CH 25V O. 1U 6		D4, D5	MA3062M	DIODE	2	
Capacity   Capacity	C296	SK31C226MRC T. CAPACITOR CH 16V 22U 1 F3	8H1C2260004	D6, D7	B0JCME000014	DIODE	2	
C288, 9	C297	F3F1C1060002 T, CAPACITOR CH 16V 10U 1		D8-11	B0CCAB000015	DIODE	4	
Carrier   Carr							1	
SCHILLE   SCHI							1	
COMPAND   COMP							2	
C-334-23   SETICIOGROUZ   T. CARACITOR CH 16V   10U   20			3H1C2260004				1	
DIR. 19	C303	F1H1E104A016 C. CAPACITOR CH 25V 0.1U 1		D16	MA3039-H	DIODE	1	
DIR. 19	C304-23	F3F1C1060002 T, CAPACITOR CH 16V 10U 20		D17	MA152WA	DIODE	1	
C329   C381V1560000   T. CAPACITOR CH 35V   15U   1   D20-24   MALCZK   D100E   5							2	
C331   F3F1C1060002   C.APACTTOR CH 16V   10U   1								
C332							_	
C332   FIHIFICIDADOIZ   C.APACITOR CH 15V   100P   1						DIODE	4	
C333   F5FIC1060002   T. CAPACITOR CH 16V 10U 1   D39   MA3082M   D10DE   1   D39   MA3033	C331	F1H1E104A016 C. CAPACITOR CH 25V 0.1U 1		D37	MA3039-H	DIODE	1	
C333   F5FIC1060002   T. CAPACITOR CH 16V 10U 1   D39   MA3082M   D10DE   1   D39   MA3033	C332	F1H1E1020002 C. CAPACITOR CH 25V 1000P 1		D38	LN1251CAL	DIODE	1	
C334   F3H1C4780008   T. CAPACITOR CH 16V   47U   1							1	
C335, 36   FSFICIOGOROOZ   T. CAPACITOR CH 16V   47U   1							1	
C337   F3H1C4760008   T. CAPACITOR CH 16V   47U   1							1	
C338   F1HEID4AD16   C. CAPACITOR CH 25V   O. 1U   1				D41, 42	MA3039-H	DIODE	2	
C343   F3H1V1560001   T. CAPACITOR CH 15V   15U   1	C337	F3H1C4760008 T. CAPACITOR CH 16V 47U 1						
C345.46   F3F1C1060002   T. CAPACITOR CH 16V   10U   2	C338	F1H1E104A016 C. CAPACITOR CH 25V 0.1U 1		Δ F1	K5H102300010	FUSE	1	
C345.46   F3F1C1060002   T. CAPACITOR CH 16V   10U   2	C343	F3H1V1560001 T. CAPACITOR CH 35V 15U 1		Δ F2	K5H501300006	FUSE	1	
C347, 48							i i	
C355   FIHE104A016   C. CAPACITOR CH 25V   O. 1U   1   1   1   1   1   1   1   1   1				El 1	IU INVUUUUU	E II TED	1	
C356-61   F1H1A105A004   C. CAPACITOR CH 10V   1U   6     1C2   C1ZBZ001794   C   1	,			ΓLΙ	00000A0000001	FILIER	ı	
C362   F3H1A4760005   T. CAPACITOR CH 10V   47U   1								
C363, 64   F3H1A1070001   T. CAPACITOR CH 10V 100U   2	C356-61	F1H1A105A004 C. CAPACITOR CH 10V 1U 6					_1	
C363, 64   F3H1A1070001   T. CAPACITOR CH 10V 100U   2	C362	F3H1A4760005 T. CAPACITOR CH 10V 47U 1	11	102	C1ZBZ0001794	IC	1	
C365-67   F1H1E104A016   C. CAPACITOR CH 25V   O. 1U   3   3   1C4   COJBAA000076   IC   I   1   1   1   1   1   1   1   1   1			11				1	
C368   F3F1C1060002   T. CAPACITOR CH 16V   10U   1   1   10C5   COBBAKZ00001   IC   1   1   1   1   1   1   1   1   1							1	
C369   F3H1A4760005   T. CAPACITOR CH 10V   47U   1							1	
C370, 71							- 1	
C372, 73   F3F1C1060002   T. CAPACITOR CH 16V   10U   2     1C3   NJM4560MD   IC   IC OABBB000116   IC   IC OABBB000016   IC   IC OABBB000016   IC   IC OABBB0000179   IC   IC OABBB0000179   IC   IC OABBB0000079   IC   IC OA							1	
C374, 75	C370, 71	F3H1A1070001 T. CAPACITOR CH 10V 100U 2	<u> </u>	IC7	COABBA000075	IC	_ 1	
C374, 75	C372, 73			108	NJM4560MD	IC	1	C0ABBB000116
C382   F1H1E104A016   C. CAPACITOR CH 25V   O. 1U   1   1   1   1   1   1   1   1   1			11				1	
C383-85	,						1	COARROOO116
C386							1	00400000110
C387, 88   F3H1A1070001   T. CAPACITOR CH 10V   100U   2							1	
C389   F1H1E104A016   C. CAPACITOR CH 25V   O. 1U   1				IC12	COJBAA0000002	IC	_1	
C389   F1H1E104A016   C. CAPACITOR CH 25V   O. 1U   1	C387, 88	F3H1A1070001 T. CAPACITOR CH 10V 100U 2		IC13	C0FBBD000079	IC	1	
C390-92   F3F1C1060002   T. CAPACITOR CH 16V   10U   3     1C16, 17   TC7SU04FU   IC   2     1C20   COABAB000005   IC   I   1C20   COABAB000005   IC   I   1C20   COABAB000005   IC   I   1C20   COABAB000005   IC   IC20   I			11	IC14. 15	COJBAB000005	IC	2	
C393-95								
C396							1	
C397   F1H1H680A231   C. CAPACITOR CH 50V   68P   1							1	00007000001
C398   F1H1E104A016   C. CAPACITOR CH 25V   O. 1U   T							1	CORR5R000001
C399-04   F1H1A105A004   C. CAPACITOR CH 10V   1U   6     1C24   C0ABAB000006   IC   1   1   1   1   1   1   1   1   1	C397	F1H1H680A231 C. CAPACITOR CH 50V 68P 1	II	IC22	C1CB00000435	IC	_ 1	
C399-04   F1H1A105A004   C. CAPACITOR CH 10V   1U   6     1C24   C0ABAB000006   IC   1   1   1   1   1   1   1   1   1	C398	F1H1E104A016 C. CAPACITOR CH 25V O. 1U 1	11	IC23	C1AB00000234	IC	1	
C405 F3H1A4760005 T. CAPACITOR CH 10V 47U 1 1 1C25, 26 TC74HC123AF IC 2 COJBAM000030 C406, 07 F3H1A1070001 T. CAPACITOR CH 10V 100U 2 1C27, 28 TC7SU04FU IC 2			11				1	
C406, 07 F3H1A1070001 T. CAPACITOR CH 10V 100U 2 IC27, 28 TC7SU04FU IC 2			I				0	CO IRAMODOO
								OCODAMOUOUSU
C408-10   F1H1E104A016   C. CAPACITOR CH 25V   0. 1U   3							2	
	C408-10	F1H1E104A016 C. CAPACITOR CH 25V 0.1U 3		IC29	NJM360M	IC	1	C0BBZB000001
			11		-			
			11					
								ı

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Ref. No.		Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pes	s Remarks
1030	COABAB000005		1		P8		CONNECTOR (MALE)	1	
1031	TC74HC4053AF		1	COJBAR000130	P9	K1KA07B00037	CONNECTOR (MALE)	1	
1C32	TC7SU04FU	IC	1		P10	K1KA03A00061	CONNECTOR (MALE)	1	
1033	COJBAB000005	IC	-1		P11	K1KA04B00148	CONNECTOR	1	
1C34	COJBAB000180	IC	1		P12	VJP1230T	CONNECTOR (MALE) 3P	1	K1KA03A00017
1C35-37	MAX4312ESE	IC	3						
1C38	T74HCT541AF	IC	1		Q1, Q2	2SD1819A-R	TRANSISTOR	2	
1039, 40	MAX4312ESE	IC	2		Q3	2SB1219A	TRANSISTOR	1	
IC41	T74HCT541AF	IC	1		Q4	2SD1819A-R	TRANSISTOR	1	
	ļ	IC	3		Q5	2SB1218ALL	TRANSISTOR	1	
	NJM082BV	IC	1		Q6		TRANSISTOR	1	
	C1AB00001134		2		Q7	B1BBDL000004		1	
	TC4W53FU	IC	2		Q8	2SB1218ALL	TRANSISTOR	1	
			2					1	
	ļ	IC			Q9	2SD1819A-R	TRANSISTOR	1	
	TC7SU04FU	10	2		Q10	2SB1219A	TRANSISTOR	1	
	EL4584CS	10	1		Q11, 12		TRANSISTOR	2	
1C57	TC9090AF	IC	1	C1AB00000655	Q13, 14	2SB936A-Q	TRANSISTOR	2	
		IC	1		Q15	B1BCGC000001	TRANSISTOR	1	
	ļ	IC	1		Q16-18	2SD1819A-R	TRANSISTOR	3	
1060	MAX3223CAP	IC	1	COZBZ0000220	Q21	XN0653400L	TRANSISTOR	1	
1062	M51957BFP	IC	_1	C0EBH0000062	Q22	XN6435	TRANSISTOR-RESISTOR	1	
1063	C2CBJG000319	IC	1		Q23	XP4601	TRANSISTOR-RESISTOR	1	
1064	COABBA000075	IC	1		Q25	XN6435	TRANSISTOR-RESISTOR	1	
1C65	COJBAN000098		1		Q26	XN0653400L	TRANSISTOR	1	
	C1CB00001342		1		Q27	2SA15320CL	TRANSISTOR	1	
	C3FBND000169		1		Q28	XN6435	TRANSISTOR-RESISTOR	1	1
	COABCA000017		6		Q29	2SK662-R	TRANSISTOR	1	
1008-73 1074	T74HCT541AF	IC	1		Q31	2SD1819A-R	TRANSISTOR	1	
	ļ	IC	-		Q32			1	
1075 1076		TRANSISTOR ARRAY	H		Q32 Q33	XN0653400L XN6435	TRANSISTOR TRANSISTOR-RESISTOR	1	
	ļ		-					1	
	NJM2073M	IC	1		Q34	XP4601	TRANSISTOR-RESISTOR	1	
		IC	1		Q36	XN6435	TRANSISTOR-RESISTOR	1	
1C80	TC7W53F	IC	1		Q37	2SA15320CL	TRANSISTOR	1	
	NJM2267V	IC	1	C1AB00000164	Q38	XN6435	TRANSISTOR-RESISTOR	1	
IC82, 83	COJBAA000002	IC	2		Q39	2SK662-R	TRANSISTOR	1	
1C84	TC7W53F	IC	-1		Q40	2SD1819A-R	TRANSISTOR	1	
1085	NJM2267V	IC	1		Q41-43	XN0653400L	TRANSISTOR	3	
1086	C0ZBZ0000504	IC	1		Q44	2SA15320CL	TRANSISTOR	1	
1087	NJM2267V	IC	1		Q45-49	XN0653400L	TRANSISTOR	5	
	TC4W53FU	IC	2		Q50-54	2SD1819A-R	TRANSISTOR	5	
	TC74HC123AF	IC	3	COJBAM000030	Q55-60	XN0653400L	TRANSISTOR	6	
	ļ	IC	1	OODAMOOOOO	Q61-66	2SD1819A-R	TRANSISTOR	6	
	COABABO00078		-		Q68-71	XN0653400L	TRANSISTOR	4	
			2				TRANSISTOR	4	1
	COJBAZ000852			000000000000000000000000000000000000000	Q72-75	2SD1819A-R			
	NJM431U	10	1	CODBEZC00003	Q78-80	2SD1819A-R	TRANSISTOR	3	
I C98, 99	COJBAA000002	IC	2		Q81-83	2SK662-R	TRANSISTOR	3	
					Q84-86	2SB1218ALL	TRANSISTOR	3	
	VJR1095	LUG TERMINAL	9		Q87-89	2SD1819A-R	TRANSISTOR	3	
J10-14	K1CB106B0032	CONNECTOR (FEMALE)	5		Q93, 94	2SD1819A-R	TRANSISTOR	2	
	L		L		Q95	XP4601	TRANSISTOR-RESISTOR	1	
L1	G1C150M00008	COIL 15UH	1		Q96, 97	2SB1218ALL	TRANSISTOR	2	
L2	G1C220Z00002	COIL 22UH	1		Q98-00	2SD1819A-R	TRANSISTOR	3	
	G1C150M00008		-1		Q101	2SB1218ALL	TRANSISTOR	1	
		COIL 5. 3UH	1		Q102	2SD1819A-R	TRANSISTOR	1	
		COIL 47UH	1		Q103, 04	XP4601	TRANSISTOR-RESISTOR	2	
		COIL 82UH	3		Q107-22	2SD1819A-R	TRANSISTOR	16	
		COIL 39UH	3		Q123	2SD0874AHL	TRANSISTOR	10	
		COIL SOUN	3		Q123	2SD1819A-R	TRANSISTOR	1	
			3					-1	
L16	J0JBC0000005		H		Q125	B1DHCD000005	TRANSISTOR	1	
L18	J0JBC0000005		1		Q126	2SD1819A-R	TRANSISTOR	1	
	G1C330J00002		1		Q127, 28	2SC39310YL	TRANSISTOR	2	
L20-39	J0JBC0000005		20		Q129, 30	XP4601	TRANSISTOR-RESISTOR	2	
L45-49	J0JBC0000005		5		Q131, 32	2SK662-R	TRANSISTOR	2	
L50-53	G1C390J00001	COIL 39UH	4		Q133, 34	2SD1819A-R	TRANSISTOR	2	
L54	G1C220J00001	COIL 22UH	_1		Q135, 36	2SC39310YL	TRANSISTOR	2	!
L55	G1C100J00001	COIL 10UH	1		Q137, 38	XP4601	TRANSISTOR-RESISTOR	2	
L56	VLQ0163J470	COIL 47UH	-1		Q139, 40	2SK662-R	TRANSISTOR	2	
	1				Q141	2SD1819A-R	TRANSISTOR	1	
P1	VJP3440A020	CONNECTOR (MALE)	1	K1KA20A00187	Q142	2SA15320CL	TRANSISTOR	1	
		CONNECTOR (MALE)	_	K1KA24A00022	Q143	2SD1819A-R	TRANSISTOR	1	<del> </del>
P3		CONNECTOR (MALE)	H	K1KA18A00016	Q144	2SC39310YL	TRANSISTOR	1	
P4			-	MINITUROUVIU	Q145		TRANSISTOR	1	
		CONNECTOR (MALE)	1	V1VA02D00007		2SD1819A-R		_	
DE .	VJP2824B002	CONNECTOR (MALE) CONNECTOR (FEMALE)	1	K1KA02B00007	Q146-50	XN0653400L	TRANSISTOR	5	
P5	V4VD4040000	COMMECIOR (FEMALE)	. 1		Q151, 52	2SD1819A-R	TRANSISTOR	2	
P6					0455	000000: -	TRANSISTOR		
		CONNECTOR (MALE)	1		Q153	2SB936A-Q	TRANSISTOR	1	
P6			1		Q153	2SB936A-Q	TRANSISTOR	1	

	1	, ,	_	7				,
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & DescriptionPcs	Remarks
Q154	2SD1819A-R	TRANSISTOR	1		R133	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1	
Q155-58	2SB1219A	TRANSISTOR	4		R137	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10 1	
Q159, 60	2SK662-R	TRANSISTOR	2		R138	ERJ3RBD221	M. RESISTOR CH 1/16W 220 1	
4100,00	ZOROOZ R	THUMOTOTON.	_		R139	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1	
R3-R5	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3		R140	ERJ3RBD511	M. RESISTOR CH 1/16W 510 1	
			1					
R8	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R141	ERJ3GEYJ103	min regarded on 17 ron 1 ron	
R10-18	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	9		R142	ERJ3RBD622	M. RESISTOR CH 1/16W 6. 2K 1	
R19-22	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4		R143	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K 1	
R23, 24	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	2		R144	ERJ3RBD103	M. RESISTOR CH 1/16W 10K 1	
R25, 26	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2		R145	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1	
R28-37	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	10		R146	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1	
R38	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1		R148	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1	
R39	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1		R149	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K 1	
R40-42	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3		R150		M. RESISTOR CH 1/16W 18K 1	
R44-53	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	10		R151	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K 1	+
R54		M. RESISTOR CH 1/16W 1K	1		R152		M. RESISTOR CH 1/16W 30K 1	
R55	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1		R153	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K 1	+
			-					
R56	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	-		R155	ERJ3RBD202	M. RESISTOR CH 1/16W 2K 1	
R57	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R156	ERJ3RBD243	M. RESISTOR CH 1/16W 24K 1	
R58	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1		R157	ERJ3RBD182	M. RESISTOR CH 1/16W 1.8K 1	
R59	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R158	ERJ3RBD273	M.RESISTOR CH 1/16W 27K 1	
R60	ERJ3GEYJ912	M. RESISTOR CH 1/16W 9.1K	_1		R159	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10 1	<u> </u>
R61	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K	1		R160	ERJ3RBD103	M. RESISTOR CH 1/16W 10K 1	
R62, 63	ERJ3GEYJ623	M. RESISTOR CH 1/16W 62K	2		R161	ERJ3RBD223	M. RESISTOR CH 1/16W 22K 1	
R64	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1		R162	ERJ3RBD472	M. RESISTOR CH 1/16W 4.7K 1	
R65	ERJ3GEYJ513	M. RESISTOR CH 1/16W 51K	1		R163	ERJ3RBD303	M. RESISTOR CH 1/16W 30K 1	
R66	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R164	ERJ3RBD103	M. RESISTOR CH 1/16W 10K 1	
R67	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1		R165, 66	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 2	
R68	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R167	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1	
R69	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1		R168	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1	
R70-72	ERJ3GEYJ103		3		R169	ERJ3GEYJ101		
		· ·	٥					
R73	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	-		R170	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K 1	
R74	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	- 1		R171	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1	
R75	ERJ3GEYJ912	M. RESISTOR CH 1/16W 9.1K	1		R172	ERJ3GEYJ820	M. RESISTOR CH 1/16W 82 1	
R76	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R173	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K 1	
R77	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1		R174		M. RESISTOR CH 1/16W 100 1	
R78	ERJ3RBD433	M. RESISTOR CH 1/16W 43K	1		R176		M. RESISTOR CH 1/16W 1.5K 1	
R79	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1		R177	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K 1	
R80	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	1		R178	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1	
R81, 82	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2		R182	ERJ3RBD221	M. RESISTOR CH 1/16W 220 1	
R83, 84	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	2		R183	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1	
R85	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1		R184	ERJ3RBD511	M. RESISTOR CH 1/16W 510 1	
R86	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R185	ERJ3RBD242	M. RESISTOR CH 1/16W 2.4K 1	
R87	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1		R186	ERJ3RBD103	M. RESISTOR CH 1/16W 10K 1	
R88. 89	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2		R187	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1	
R90	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R188	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1	
R91	ERJ3RBD132	M. RESISTOR CH 1/16W 1.3K	1		R189	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1	
R92	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1		R190	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K 1	
R93	ERJ3RBD222	M. RESISTOR CH 1/16W 2.2K	1		R191		M. RESISTOR CH 1/16W 18K 1	
R94, 95		M. RESISTOR CH 1/16W 10K	2		R192		M. RESISTOR CH 1/16W 4.7K 1	
R96		M. RESISTOR CH 1/16W 0	1		R193		M. RESISTOR CH 1/16W 3. 9K 1	
R97	ERJ3RBD333	M. RESISTOR CH 1/16W 0	1		R193	ERJ3RBD303	M. RESISTOR CH 1/16W 3.9K 1	1
			١					
R98-00	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	3		R195		minizoronom on 1, non oom 1	
R102, 03	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	2		R196		M. RESISTOR CH 1/16W 4.7K 1	
R104-06	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3		R197	ERJ3RBD183	M. RESISTOR CH 1/16W 18K 1	
R108	ERJ3RBD682	M. RESISTOR CH 1/16W 6.8K	1		R198	ERJ3RBD182	M. RESISTOR CH 1/16W 1.8K 1	
R109	ERJ3RBD623	M. RESISTOR CH 1/16W 62K	1		R199		M. RESISTOR CH 1/16W 27K 1	
R110	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	1		R200		M. RESISTOR CH 1/16W 10 1	
R111	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1		R202	ERJ3RBD472	M. RESISTOR CH 1/16W 4.7K 1	
R112	ERJ3RBD303	M. RESISTOR CH 1/16W 30K	1		R203	ERJ3RBD103	M. RESISTOR CH 1/16W 10K 1	
R113	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	1		R206	ERJ3RBD303	M. RESISTOR CH 1/16W 30K 1	
R114	ERJ3RBD272	M. RESISTOR CH 1/16W 2.7K	1		R207	ERJ3RBD103	M. RESISTOR CH 1/16W 10K 1	
R115	ERJ3RBD393	M. RESISTOR CH 1/16W 39K	1		R208	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1	
R116	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	1		R209	ERJ3RBD513	M. RESISTOR CH 1/16W 51K 1	
R117-19	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	3		R210-15	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 6	
R120		M. RESISTOR CH 1/16W 100	1		R216, 17		M. RESISTOR CH 1/16W 22 2	
R121	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1			ERJ3GEYJ821	M. RESISTOR CH 1/16W 820 2	
R122	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1				M. RESISTOR CH 1/16W 220 2	
R123-25	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3				M. RESISTOR CH 1/16W 330 2	
R126	ERJ3GEYJ820	M. RESISTOR CH 1/16W 82	1		R224		M. RESISTOR CH 1/16W 1M 1	
R127	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1		R225	ERJ3GEYJ564	M. RESISTOR CH 1/16W 560K 1	
R128	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1		R226	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M 1	
R130	ERJ3GEYG152	M. RESISTOR CH 1/16W 4.7K	1		R227-29	ERJ3GEYJ564	M. RESISTOR CH 1/16W 1M 1	
R131	ERJ3GEYJ101	M. RESISTOR CH 1/16W 1.5K	1		R227-29	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220 1	<del> </del>
R132	ERJ3GEYJ222	M. RESISTOR CH 1/16W 100	1		R231	ERJ3GEYJ103	M. RESISTOR CH 1/16W 220 1	
N I OZ	LNUSUE I JZZZ	m. NEO101UN UN 1/10W Z.ZK			nZ01	LNUUUETUTUS	m. NESISION OF 1/10W TUN I	
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Best No.   Part No.						1		
SAMERY AND   MESSENSE OF 17-MA   916   1	Ref. No.	Part No.	Part Name & DescriptionPcs	Remarks	Ref. No.	Part No.	Part Name & DescriptionPo	s Remarks
SCARPA NATE   MESSISTER OF 1770K   9   10   1   1   1   1   1   1   1   1								
SUMMERFORD   MESTERS OF 17 Not 8 of 1			· ·					
BASEL   BASELONG DESIGN OF 1/199   100   2								'
Section   Sect								
SAUGHT   100								1
SAMPLY   S								1
SAUGHT   S								1
SAURIESTICATION   RESISTRING OF 11/100   100   1	R240	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1		R344	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1
PASS   PROJECTION   NESSTORE OF 1/108   0	R241	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K 1		R345	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1
RANGEWINF   RANGEWINF   RESISTION ON 1/1/00   10   1   RANGEWINF   RESISTION ON 1/1/00   10   1   RANGEWINF   RESISTION ON 1/1/00   10   RANGEWINF   RESISTION ON 1/1/00   RANGEWINF	R242	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		R346	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1
RAJES   RAJESTORO   M. RESISTOR ON 1/16W   1	R243	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1		R347	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1
RAJES   RAJESTORO   M. RESISTOR ON 1/16W   1	R244	ERJ3GEYG471	M. RESISTOR CH 1/16W 470 1		R348	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1
RACKED   RACKED   RESISTION OF 1/100   20   1   RESIST   RACKED   RACKED   RACKED   RESIST   RACKED   RESIST   RACKED   RESIST   RACKED   RACKED   RESIST   RACKED   RACKED	R245				R349-58	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K 1	0
RADIECT   RADIEST   RADI			· ·					
PASS   BAUDET/SIDE   MISSISTED ON 1/198   9, 16								•
READ   READ   READ   RESISTION OF 1/100   100   2   RESISTED   RESISTED OF 1/100   1   RESISTED   RESISTED OF 1/100   1   RE								•
PASS   BAJOR PRIZE   BASISTON ON 1.1768   10   1   1   1   1   1   1   1   1								•
READERS OF READERS (READERS)   READERS (READ								•
## 1925   BAJBER   ## 1925   B								1
BASSE   BASSETYIOL   RESISTOR CH 1/16W   10   1   1   1   1   1   1   1   1								1
RESPONSE   READER/101   M. RESISTOR ON 1/10W 100   1   RESPONSE ON 1/10W 100   1   R								1
Responsible   Resistance on   1 / 100   1   1   1   1   1   1   1   1   1								1
RASPERTIZED   RESISTER ON 1/168   2 M								1
R282	R259	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		R368	ERJ3RBD472	M. RESISTOR CH 1/16W 4.7K	1
R284   R.A.B.GEVICHOU   RESISTOR OF 1/198   0   1	R260, 61	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 2		R369-73	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	5
R284   R.A.B.GEVICHOU   RESISTOR OF 1/198   0   1	R262	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1		R380	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	1
BASEN_1221   MESISTOR ON 1.1768   0   1	R263	ERJ3GEYG102			R381	ERJ3GEY0R00		1
R383							·	1
R284   EAJBECT-1002   MESISTER CH 1/16W   12			· ·					1
R286   R336E-V227   R535ER CH 1/108   20   1								1
R289								1
RESPO			· ·					1
Page								1
R272								1
R221								1
R2273   A   SRJABEYRIDE   A   RESISTOR CH   1/68   1.50   2   8   839   8   8   8   8   8   8   8   8   8								1
R277   R. GRAGEYAZZZ   M. RESISTOR OH   1/16W   20 X   1								1
RADIENTIAL   M. RESISTOR ON 1/16W 220   1								1
R410-15   RAJBEPLATON   M. RESISTOR ON 1/16W   47   1								
R279   R3.08CH/1224   M. RESISTOR CH 1/16W   226K   1			· ·					-
R280   R283GEY1022   W. RESISTOR CH 1/16W   2.6K   1   R419   R284   R284   R284   R284   R285   R286   R	R278	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47 1		R410-15	ERJ3RBD151	M. RESISTOR CH 1/16W 150	6
R281   ERJSSEYTOR Q	R279	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K 1		R416	ERJ3RBD122	M. RESISTOR CH 1/16W 1.2K	1
RA19	R280	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1		R417	ERJ3RBD152	M. RESISTOR CH 1/16W 1.5K	1
R283	R281	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K 1		R418	ERJ3RBD122	M. RESISTOR CH 1/16W 1.2K	1
R284   R3/36FY/322   M RESISTOR CH 1/16W 2 2 M 1	R282	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1		R419	ERJ3RBD152	M. RESISTOR CH 1/16W 1.5K	1
R285   ERJGEFY1023   M. RESISTOR CH 1/16W 680   1	R283	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K 1		R420	ERJ3RBD122	M. RESISTOR CH 1/16W 1.2K	1
R286   R.J.GEY.J.223   M. RESISTOR CH 1/16W   22K   1	R284	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1		R421	ERJ3RBD152	M. RESISTOR CH 1/16W 1.5K	1
R286   R.336EV2123   M. RESISTOR CH 1/16W   22K   1	R285	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680 1		R422-24	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	3
R287   R287   R286   R2861570   R281570   C					R431-33	ERJ3GEYG152		3
R289   ERJ3RBD103   M. RESISTOR CH 1/16W   10K   1					R439			1
R290   ERJ3RB0223   M. RESISTOR CH 1/16W   22K   1								1
R291   RJ3RBD222   M. RESISTOR CH 1/16W 2.2K   1			· ·					1
R292   ERJ3RBD751   M. RESISTOR CH 1/16W 750   1   R443   ERJ3GEYJI00   M. RESISTOR CH 1/16W 10   1   R444   ERJ3GEYDROO   M. RESISTOR CH 1/16W 10   1   R445   ERJ3GEYJI01   M. RESISTOR CH 1/16W 10   1   R445   ERJ3GEYJI01   M. RESISTOR CH 1/16W 10   1   R446   ERJ3GEYJI01   M. RESISTOR CH 1/16W 3.3 K   4   R448-51   ERJ3GEYGI32   M. RESISTOR CH 1/16W 3.3 K   4   R448-51   ERJ3GEYJI02   M. RESISTOR CH 1/16W 3.3 K   4   R448-56   ERJ3GEYJI02   M. RESISTOR CH 1/16W 3.3 K   4   R448-66   ERJ3GEYJI02   M. RESISTOR CH 1/16W 3.3 K   4   R448-66   ERJ3GEYJI02   M. RESISTOR CH 1/16W 3.3 K   4   R459-62   ERJ3GEYJI02   M. RESISTOR CH 1/16W 3.3 K   4   R459-62   ERJ3GEYJI02   M. RESISTOR CH 1/16W 3.3 K   4   R459-62   ERJ3GEYJI02   M. RESISTOR CH 1/16W 3.3 K   4   R469-66   ERJ3GEYJI03   M. RESISTOR CH 1/16W 4.7 K   2   R467   ERJ3GEYJI03   M. RESISTOR CH 1/16W 4.7 K   2   R468   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   1   R468   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   1   R469   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   1   R470   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   1   R498-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R489-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R489-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R489-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R489-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R498-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R498-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R498-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R498-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R498-91   ERJ3GEYJI03   M. RESISTOR CH 1/16W 1.5 K   2   R498-91   ERJ3GEYJI03   M			·					1
R293   ERJ3GEYG102   M. RESISTOR CH 1/16W   1K   1								1
R294   ERJ3RBD221   M. RESISTOR CH 1/16W   220   1     R445   ERJ3GEYJ100   M. RESISTOR CH 1/16W   10   1     R496   ERJ3GEYJ101   M. RESISTOR CH 1/16W   3. 0   1     R446   ERJ3GEYG000   M. RESISTOR CH 1/16W   0   1     R448-51   ERJ3GEYG000   M. RESISTOR CH 1/16W   3. 0   4     R448-51   ERJ3GEYG000   M. RESISTOR CH 1/16W   3. 0   4     R448-51   ERJ3GEYG000   M. RESISTOR CH 1/16W   3. 0   4     R448-51   ERJ3GEYG000   M. RESISTOR CH 1/16W   3. 0   4     R448-51   ERJ3GEYG000   M. RESISTOR CH 1/16W   3. 0   4     R448-51   ERJ3GEYG000   M. RESISTOR CH 1/16W   3. 0   4     R459-62   ERJ3RBD392   M. RESISTOR CH 1/16W   3. 0   4     R459-62   ERJ3RBD122   M. RESISTOR CH 1/16W   1. 2   4   R459-62   ERJ3GEYG000   M. RESISTOR CH 1/16W   4. 7   4     R459-62   ERJ3GEYG000   M. RESISTOR CH 1/16W   4. 7   4     R459-62   ERJ3GEYG000   M. RESISTOR CH 1/16W   4. 7   4     R459-62   ERJ3GEYG000   M. RESISTOR CH 1/16W   4. 7   4     R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   4. 7   4     R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   4. 7   4     R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   4. 7   4     R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 2   4   R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 2   4   R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 2   4   R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 2   4   R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 2   4   R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 2   R458   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 2   R459   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 3   R459   ERJ3GEYG000   M. RESISTOR CH 1/16W   1. 3								1
R295   ERJ3GEYJ101   M. RESISTOR CH 1/16W   100   1								1
R448-51   ERJ3GEYG332   M. RESISTOR CH 1/16W   3. 3K   4     R297   ERJ3GEYJ912   M. RESISTOR CH 1/16W   9. 1K   1			· ·					1
R297   R298   R23GEYJ912   M. RESISTOR CH 1/16W 9.1K   1       R453-56   R23GEYG322   M. RESISTOR CH 1/16W 3.3K   4     R299   R23GEYJ221   M. RESISTOR CH 1/16W 3.9K   1     R463-66   R23RBD122   M. RESISTOR CH 1/16W 1.2K   4     R463-66   R23RBD151   M. RESISTOR CH 1/16W 1.2K   4     R463-66   R23RBD152   M. RESISTOR CH 1/16W 1.2K   1   R468   R23RBD152   M. RESISTOR CH 1/16W 1.2K   1   R468   R23RBD152   M. RESISTOR CH 1/16W 1.2K   1   R469   R23RBD152   M. RESISTOR CH 1/16W 1.5K   1   R469   R23RBD152   M. RESISTOR CH 1/16W 1.5K   1   R470   R23RBD152   M. RESISTOR CH 1/16W 1.5K   1   R471, 72   R23GEYJ333   M. RESISTOR CH 1/16W 1.5K   2   R471, 72   R23GEYJ353   M. RESISTOR CH 1/16W 1.5K   2   R489-01   R23GEYJ353   M. RESISTOR CH 1/16W 1.5K   2   R489-01   R23GEYJ353   M. RESISTOR CH 1/16W 1.5K   2   R489-01   R23GEYJ333   M. RESISTOR CH 1/16W 1.5K   2   R489-00   R23GEYJ333   M. RESISTOR CH 1/16W 3.3K   3   R2312   R23GEYJ103   M. RESISTOR CH 1/16W 10K   1   R501-03   R23GEY0700   M. RESISTOR CH 1/16W 0 3   3   R2312   R23GEYJ105   M. RESISTOR CH 1/16W 10K   1   R501-03   R23GEY0700   M. RESISTOR CH 1/16W 0 3   R23GEY0700   M. RESISTOR CH 1/16W 0 3   R2313   R2312   R23GEYJ353   M. RESISTOR CH 1/16W 20 1   R23GEYJ353   M. RESISTOR CH 1/16W 0 3   R23GEYJ353   M. RESISTOR CH 1/16W 0 3   R23GEYJ354   M. RESISTOR CH 1/16W 0 2   R23GEYJ354   M. RESISTOR CH 1/16W 0 3   R23GEYJ354   M. RESISTOR CH 1/16W 0 3   R23GEYJ354   M. RESISTOR CH 1/16W 0 3   R23GEYJ354   M. RESISTOR CH 1/16W 0 2   R23GEYJ354   M. RESISTOR CH 1/16W 0 2   R23GEYJ354   M. RESISTOR CH 1/16W 0 3   R23GEYJ354   M. RESISTOR CH 1/16W 0 2   R23GEYJ354   M. RESISTOR CH 1/16W 0 2   R23GEYJ354   M. RESISTOR CH 1/16W 0 2   R23G								4
R298   ERJ3RBD392   M. RESISTOR CH 1/16W 3.9K   1								4
R299			· ·					4
R300, 01   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K   2   R468   ERJ3RBD122   M. RESISTOR CH 1/16W 1. 2K   1								4
R302   ERJ3GEY0R00   M. RESISTOR CH 1/16W   0   1			·					4
R303   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K   1			,					1
R304   ERJ3GEYJ221   M. RESISTOR CH 1/16W 220   1   R470   ERJ3GEYG102   M. RESISTOR CH 1/16W 1.5K   1   R471, 72   ERJ3GEYG102   M. RESISTOR CH 1/16W 1.5K   2   R477, 78   ERJ3GEYG102   M. RESISTOR CH 1/16W 1.5K   2   R477, 78   ERJ3GEYG102   M. RESISTOR CH 1/16W 1.5K   2   R489-91   ERJ3GEYG152   M. RESISTOR CH 1/16W 1.5K   3   R498-00   ERJ3GEYG152   M. RESISTOR CH 1/16W 1.5K   3   R498-00   ERJ3GEYG152   M. RESISTOR CH 1/16W 1.5K   3   R498-00   ERJ3GEYG152   M. RESISTOR CH 1/16W 1.5K   3   R501-03   ERJ3GEYG172   M. RESIS								1
R305   ERJ3GEYJ103   M. RESISTOR CH 1/16W 10K 1   R471, 72   ERJ3GEYG102   M. RESISTOR CH 1/16W 1 K 2   R477, 78   ERJ3GEYG152   M. RESISTOR CH 1/16W 1.5K 2   R489-91   ERJ3GEYG152   M. RESISTOR CH 1/16W 1.5K 2   R489-91   ERJ3GEYG152   M. RESISTOR CH 1/16W 1.5K 3   R499-00   ERJ3GEYJ333   M. RESISTOR CH 1/16W 1.5K 1   R499-00   ERJ3GEYJ333   M. RESISTOR CH 1/16W 1.5K 3   R501-03   ERJ3GEYJ103   M. RESISTOR CH 1/16W 1.5K 1   R504-06   ERJ3GEYG472   M. RESISTOR CH 1/16W 1.5K 3   R501-03   ERJ3GEYG472   M. RESISTOR CH 1/16W 1.5K 3   R501-03   ERJ3GEYG473   M. RESISTOR CH 1/16W 1.5K 3   R501-03   ERJ3GEYG473   M. RESISTOR CH 1/16W 1.5K 3   R501-03   ERJ3GEYG473   M. RESISTOR CH 1/16W 1.5K 3   R501-04   ERJ3GEYG473   M. RESISTOR CH 1/16W 1.5K 3   R501-04   ERJ3GEYG473   M. RESISTOR CH 1/16W 1.5K 3   R501-05   ERJ3GEYJ313   M. RESISTOR CH 1/16W 1.5K 3   ERJ3GEYJ313   M. RESISTOR CH 1/16W 1.5K 3   R501-05   ERJ3GEYJ313   M. RESISTOR CH 1/16W 1.5K 3   E	R303	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K 1		R469	ERJ3RBD122	M. RESISTOR CH 1/16W 1.2K	1
R306   ERJ3GEYJ363   M. RESISTOR CH 1/16W 36K 1   R477, 78   ERJ3GEYG152   M. RESISTOR CH 1/16W 1.5K 2   R489–91   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R309   ERJ3GEYJ103   M. RESISTOR CH 1/16W 15K 1   R498–00   ERJ3GEYJ333   M. RESISTOR CH 1/16W 33K 3   R501–03   ERJ3GEYJ103   M. RESISTOR CH 1/16W 10K 1   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 33K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 33K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–04   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–04   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–05   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–05   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501–03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   ERJ3GEYG472	R304	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220 1		R470	ERJ3RBD152	M. RESISTOR CH 1/16W 1.5K	1
R307, 08	R305	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		R471, 72	ERJ3GEYG102		
R307, 08   ERJ3GEYJ153   M. RESISTOR CH 1/16W 15K 2   R489-91   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R309   ERJ3RBD153   M. RESISTOR CH 1/16W 15K 1   R498-00   ERJ3GEYJ333   M. RESISTOR CH 1/16W 33K 3   R501-03   ERJ3GEYJ103   M. RESISTOR CH 1/16W 10K 1   R501-03   ERJ3GEYG472   M. RESISTOR CH 1/16W 4. 7K 3   R501-03   ERJ3GEYJ3GEYJ3GEYJ3GEYJ3GEYJ3GEYJ3GEYJ3GEY	R306	ERJ3GEYJ363	M. RESISTOR CH 1/16W 36K 1		R477, 78	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2
R309   ERJ3RBD153   M. RESISTOR CH 1/16W 15K 1   R498-00   ERJ3GEYJ333   M. RESISTOR CH 1/16W 33K 3   R501-03   ERJ3GEYJ103   M. RESISTOR CH 1/16W 10K 1   R513, 14   ERJ3GEYJ105   M. RESISTOR CH 1/16W 10K 1   R504-06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4.7K 3   R504-06   ERJ3GEYG472   M. RESISTOR CH 1/16W 5.1K 3   R504-09   ERJ3GEYG472   M. RESISTOR CH 1/16W 5.1K 3   R501-01   ERJ3GEYG472   M. RESISTOR CH 1/16W 5.1K 3   R501-01   ERJ3GEYG472   M. RESISTOR CH 1/16W 5.1K 3   R501-01   ERJ3GEYG472   M. RESISTOR CH 1/16W 5.1K 3   R501-15   ERJ3GEYG472   M. RESISTOR CH 1/16W 5.1K 3   R513-15   ERJ3GEYG472   M. RESISTOR CH 1/16W 5.1K 3   R513-15   ERJ3GEYJ3GEY   M. RESISTOR CH 1/16W 5.1K 1   R515   ERJ3GEYJ3GEYJ3GEYJ3GEYJ3GEYJ3GEYJ3GEYJ3GEY								3
R312   ERJ3GEYJ103   M. RESISTOR CH 1/16W 10K 1   R501-03   ERJ3GEYOROO   M. RESISTOR CH 1/16W 0 3   R504-06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4.7K 3   R505-09   ERJ3GEYJ563   M. RESISTOR CH 1/16W 4.7K 3   R507-09   ERJ3GEYJ563   M. RESISTOR CH 1/16W 4.7K 3   R507-09   ERJ3GEYJ563   M. RESISTOR CH 1/16W 5.1K 1   R507-09   ERJ3GEYJ567   M. RESISTOR CH 1/16W 5.1K 1   R507-09   ERJ3GEYJ567   M. RESISTOR CH 1/16W 5.1K 1   R507-09   ERJ3GEYJ57   M. RESISTOR CH 1/16W 5.1K 1   R507-09   ERJ3GEYJ57   M. RESISTOR CH 1/16W 5.1K 1   R								3
R313, 14   ERJ3GEYJ105   M. RESISTOR CH 1/16W 1M 2   R504-06   ERJ3GEYG472   M. RESISTOR CH 1/16W 4.7K 3   R505-09   ERJ3GEYJ563   M. RESISTOR CH 1/16W 5.1K 3   R507-09   ERJ3GEYG471   M. RESISTOR CH 1/16W 4.7C   R513-15   ERJ3GEYG471   M. RESISTOR CH 1/16W 4.7C   R513-15   ERJ3GEYG471   M. RESISTOR CH 1/16W 5.1K 3   R513-15   ERJ3GEYG471   M. RESISTOR CH 1/16W 5.1K 3   R513-15   ERJ3GEYG471   M. RESISTOR CH 1/16W 5.1K 3   R513-15   ERJ3GEYJ221   M. RESISTOR CH 1/16W 5.1K 1   R516   ERJ3GEYG472   M. RESISTOR CH 1/16W 8.2K   I   R516   ERJ3GEYJ362   M. RESISTOR CH 1/16W 5.1K   I   R518   ERJ3GEYJ362   M. RESISTOR CH 1/16W 2.2K   I   R518   ERJ3GEYJ362   M. RESISTOR CH 1/16W 2.2K   I   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 3.3K   I   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 3.2K   I   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 3.3K   I   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 3.3K   I   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 3.2K   I   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 3.3K   I   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 3.2K   I   R519   ERJ3GEYJ333   M. RE								3
R315, 16   ERJ3GEYJ563   M. RESISTOR CH 1/16W 56K 2   R507-09   ERJ3GEYJ512   M. RESISTOR CH 1/16W 5.1K 3     R317   ERJ3GEYG471   M. RESISTOR CH 1/16W 470 1   R513-15   ERJ3GEYG000   M. RESISTOR CH 1/16W 0 0 3     R318   ERJ3GEYJ221   M. RESISTOR CH 1/16W 220 1   R516   ERJ3RBB822   M. RESISTOR CH 1/16W 8.2K 1     R319   ERJ3GEYJ821   M. RESISTOR CH 1/16W 820 1   R517   ERJ3RBD512   M. RESISTOR CH 1/16W 5.1K 1     R320   ERJ3GEYJ100   M. RESISTOR CH 1/16W 10 1   R518   ERJ3RBD222   M. RESISTOR CH 1/16W 2.2K 1     R321-23   ERJ3GEYJ220   M. RESISTOR CH 1/16W 22 3   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 33K 1     R321-23   ERJ3GEYJ220   M. RESISTOR CH 1/16W 2.2 K   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 33K 1     R321-23   ERJ3GEYJ220   M. RESISTOR CH 1/16W 2.2 K   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 33K   R519   ERJ3GEYJ333   E								
R317   ERJ3GEYG471   M. RESISTOR CH 1/16W 470   1   R513-15   ERJ3GEYOROO   M. RESISTOR CH 1/16W 0 0 3     R318   ERJ3GEYJ221   M. RESISTOR CH 1/16W 220   1   R516   ERJ3RBB822   M. RESISTOR CH 1/16W 8.2K   1     R319   ERJ3GEYJ821   M. RESISTOR CH 1/16W 820   1   R517   ERJ3RBD512   M. RESISTOR CH 1/16W 5.1K   1     R320   ERJ3GEYJ100   M. RESISTOR CH 1/16W 10   1   R518   ERJ3RBD222   M. RESISTOR CH 1/16W 2.2K   1     R321-23   ERJ3GEYJ220   M. RESISTOR CH 1/16W 22   3   R519   ERJ3GEYJ333   M. RESISTOR CH 1/16W 33K   1								3
R318								3
R319							III. ILEGIOION ON 1/ ION	1
R320 ERJ3GEYJ100 M. RESISTOR CH 1/16W 10 1 R518 ERJ3RBD222 M. RESISTOR CH 1/16W 2.2K 1 R321-23 ERJ3GEYJ220 M. RESISTOR CH 1/16W 2.2 3 R519 ERJ3GEYJ333 M. RESISTOR CH 1/16W 33K 1								1
R321-23 ERJ3GEYJ220 M. RESISTOR CH 1/16W 22 3 R519 ERJ3GEYJ333 M. RESISTOR CH 1/16W 33K 1								1
								1
R524-Z0   ERJ3GETJ1U3   M. RES151UR CH 1/10W   UN   3			·					1
	K3Z4-Z6	EKJ3UEYJ1U3	M. KESISIUK UH I/IBW IUK 3		Ko∠U	EKJ3UETJ153	M. RESISTUK OH 1/16W 15K	4
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Ref. No.	Part No.	Part Name & DescriptionPc	s Remarks	Ref. No.	Part No.	Part Name & DescriptionP	cs Remarks
R521	ERJ3GEYJ302	M. RESISTOR CH 1/16W 3K		R677	ERJ3RBD153	M. RESISTOR CH 1/16W 15K	1
R522	ERJ3RBD203	M. RESISTOR CH 1/16W 20K		R678-81	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4
R523				R683			1
		,			D4B332500001	THERMISTOR	
R524	ERJ3RBD303	M. RESISTOR CH 1/16W 30K		R684-86	ERJ3GEYJ101		3
R525	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K		R688	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	1
R526-30	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	)	R689-91	ERJ3GEYJ101		3
R531	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K		R692	ERJ3RBD332	M. RESISTOR CH 1/16W 3.3K	1
R532-36	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	l .	R693-00	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8
R538	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10		R701	ERJ3RBD822	M. RESISTOR CH 1/16W 8.2K	1
R540	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K		R702-10	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	9
R541	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0		R712-19	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8
R543, 44	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0		R721-42	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 2	22
R545, 46	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	,	R743	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1
R547	ERJ3GEYJ512	M. RESISTOR CH 1/16W 5.1K		R744	ERJ3GEYJ101		1
R548	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K		R747-49	ERJ3GEYJ101		3
R549, 50	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10 2	,	R750, 51	ERJ3GEYJ473	'	2
R551, 52	ERJ3GEYJ512	M. RESISTOR CH 1/16W 5.1K 2		R752, 53	ERJ3GEYJ270		2
							1
R553-60	ERJ3GEY0R00		3	R754	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1
R563	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0		R755	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
R564	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K		R756	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1
R565	ERJ3RBD153	M. RESISTOR CH 1/16W 15K		R757	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
R566	ERJ3RBD302	M. RESISTOR CH 1/16W 3K		R759-68	ERJ3GEYJ621	,	10
R567	ERJ3RBD333	M. RESISTOR CH 1/16W 33K		R769-78	ERJ3GEYJ103	'	10
R570	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K		R779-13	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K 3	35
R571	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K		R814-18	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	5
R572	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0		R819-28	ERJ3GEYJ621	M. RESISTOR CH 1/16W 620	10
R573	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K		R829-44	ERJ3GEYJ104		16
R574	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0		R845, 46	ERJ3GEYJ103		2
R575	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K		R847	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1
R576, 77	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	,	R848, 49	ERJ3GEYJ103	· ·	2
R578, 79	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10		R850	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1
R583, 84	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22 2		R851, 52	ERJ3GEYJ103	· ·	2
R585, 86	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330 2		R853	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1
R587	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M		R854, 55	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2
R588	ERJ3GEYJ564	M. RESISTOR CH 1/16W 560K		R856	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1
R589				R857, 58	ERJ3GEYJ103		2
	ERJ3GEYJ105	,				,	=
R590	ERJ3GEYJ564	M. RESISTOR CH 1/16W 560K		R859-86	ERJ3GEYJ104	· ·	28
R594, 95	ERJ3GEYJ564	M. RESISTOR CH 1/16W 560K 2	<u>'</u>	R887	ERJ3GEYJ103	,	1
R597	ERJ3RBD391	M. RESISTOR CH 1/16W 390		R888	ERJ3RBD202	minical order on 1, 10m En	1
R598	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220		R889	ERJ3RBD203	M. RESISTOR CH 1/16W 20K	1
R599	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K		R890	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	1
R600	ERJ3GEYJ435	M. RESISTOR CH 1/16W 4.3M		R891, 92	ERJ3GEYJ103	,	2
R601	ERJ3RBD101	M. RESISTOR CH 1/16W 100		R893	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1
R602	ERJ3RBD511	M. RESISTOR CH 1/16W 510		R894	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1
R603-05	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	R895	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1
R606	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K		R896	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1
R608, 09	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	R897	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
R610	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K		R898	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1
R611	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0		R899	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1
R612	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22		R900-04	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	5
R613	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K		R905, 06	ERJ3RBD302	M. RESISTOR CH 1/16W 3K	2
R614	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0		R907	ERJ3RBD103	M. RESISTOR CH 1/16W 10K	1
R615	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K		R908, 09	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2
R616	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K		R910	ERJ3GEYJ202		1
R617	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K		R911		M. RESISTOR CH 1/16W 680	1
R618	ERJ3RBD821	M. RESISTOR CH 1/16W 820	<del> </del>	R912	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1
R619	ERJ3RBD822	M. RESISTOR CH 1/16W 8.2K	<del>                                     </del>	R913	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1
R620	ERJ3RBD123	M. RESISTOR CH 1/16W 12K		R914	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1
R621, 22	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 2		R915	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1
R623	ERJ3RED220	M. RESISTOR CH 1/16W 22		R916	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1
R624	ERJ3GEY0R00	M. RESISTOR CH 1/16W 22	+	R917-20	ERJ3GEY0R00	M. RESISTOR CH 1/16W 000	<u> </u>
R625	ERJ3RBD101	M. RESISTOR CH 1/16W 0	+	R917-20	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1
R626	ERJ3RED220	M. RESISTOR CH 1/16W 100	+	R921	ERJ3GEYJ222		1
R627	ERJ3RED220 ERJ3RBD102	M. RESISTOR CH 1/16W 22		R922 R923, 24			2
R627 R628	ERJ3RBD102 ERJ3RBD182			R923, 24 R925	ERJ3GEYJ101		1
		M. RESISTOR CH 1/16W 1.8K M. RESISTOR CH 1/16W 3.3K 2			ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1
R629, 30	ERJ3RBD332			R927	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	•
R631-34	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 4		R929	ERJ3GEYG472	III. 1120101011 011 1/ 1011 1. /11	1
R635	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75		R931	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1
R636-39	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	R935	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
R640	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75		R936	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1
R646	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K		R937	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
R647, 48	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	2	R938	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1
R649-53	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K		R939, 40	ERJ3GEYJ303	M. RESISTOR CH 1/16W 30K	2
R654-68	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 15		R941, 42	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K	2
R671-76	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	R943	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1

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Ref. No.	Part No.	Part Name & DescriptionPcs	Remarks	Ref. No.	Part No.	Part Name & DescriptionPo	s Remarks
R944	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75 1	Troilier 115	R1048	ERJ3GEYJ510		1 ERJ3GEYJ510V
		· ·					1 EKOSGE10510V
R945	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K 1		R1049	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1
R946	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1		R1050	ERJ3GEYJ510	M. RESISTOR CH 1/16W 51	1
R947	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K 1		R1051	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1
R948	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75 1		R1052	ERJ3GEYJ510	M. RESISTOR CH 1/16W 51	1
R949	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K 1		R1053	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1
R950	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1		R1054		III. ILLOTOTOR OII 1/ TOII 100	1
R951, 52	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 2		R1055	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1
R953	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K 1		R1056	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1
R955	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K 1		R1057-59	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K	3
R957	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K 1		R1060	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K	1
							'
R959	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K 1		R1061	ERJ3RBD101	III. ILLOTOTOR OII 1/ TOII 100	1
R963	ERJ3RBD101	M. RESISTOR CH 1/16W 100 1		R1062	ERJ3RBD221	M. RESISTOR CH 1/16W 220	1
R964	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		R1063	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
R965	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1		R1064	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1
R966		M. RESISTOR CH 1/16W 10K 1		R1066	ERJ3GEYJ473	ł	1
						ł	•
R967, 68	ERJ3GEYJ303	M. RESISTOR CH 1/16W 30K 2		R1067-69	ERJ3GEYG102	, , , , , , , , , , , , , , , , , , ,	3
R969, 70	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K 2		R1070	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
R971	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1		R1072-74	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	3
R972	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75 1		R1075-77	ERJ3GEYJ101		3
R973	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K 1		R1078	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
			<u> </u>			ł	1
R974	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1		R1080	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	
R975	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K 1		R1081	ERJ3RBD301	M. RESISTOR CH 1/16W 300	1
R976	ERJ3GEYJ621	M. RESISTOR CH 1/16W 620 1		R1082	ERJ3RBD102	M. RESISTOR CH 1/16W 1K	1
R977	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		R1084	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1
R978	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K 1		R1091-94	ERJ3GEYJ104		4
						ł	1
R979	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		R1095	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1
R980	ERJ3GEYJ621	M. RESISTOR CH 1/16W 620 1		R1096	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K	1
R981-83	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 3		R1097, 98	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2
R984	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1		R1099	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1
R985	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1		R1100	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K	1
						ł	<u> </u>
R986	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2. 2K 1		R1101-04	ERJ3RBD151	M. RESISTOR CH 1/16W 150	4
R987-92	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 6		R1105	ERJ3RBD822	M. RESISTOR CH 1/16W 8.2K	1
R993	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10 1		R1106	ERJ3GEYJ683	M. RESISTOR CH 1/16W 68K	1
R994	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1		R1107-12	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	6
R995	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75 1				,	
R996	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 1		SW1	K0D444A00009	CWITCH	1
		· ·		SWI	KUD444AUUUU9	SWITCH	<u>'</u>
R997, 98	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 2					
R1000	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75 1		TP1-P6	D0YDR0000011	M. RESISTOR CH 1/8W 0	6
R1001	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1		TP8-12	D0YDR0000011	M.RESISTOR CH 1/8W 0	5
R1002	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K 1		TP14-16	D0YDR0000011	M. RESISTOR CH 1/8W 0	3
R1003	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1		TP23, 24	D0YDR0000011	M. RESISTOR CH 1/8W 0	2
R1004	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K 1		TP28-32		· ·	5
R1005	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1		11 20 02	5015110000011	1/011	<u> </u>
		·		VD4 D0	MDMOTTODEOT	V DE01070D 500	
R1006	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K 1		VR1-R3			3
R1007	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100 1		VR4	D3EC41030004	V. RESISTOR 10K	1
R1008	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K 1		VR5-R9	VRV0113B101	V. RESISTOR 100	5
R1009-12	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K 4					
	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 4		X1	H0.1143500041	CRYSTAL OSCILLATOR	1
		,					1
		M. RESISTOR CH 1/16W 100K 4		X2		CRYSTAL OSCILLATOR	<u> </u>
R1021		M. RESISTOR CH 1/16W 100 1		Х3		ONTOTAL COOTLETTION	1
R1022	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K 1		Х4	H0J143500041	CRYSTAL OSCILLATOR	1
R1023	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K 1		Х5	H0J177500019	CRYSTAL OSCILLATOR	1
R1024	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K 1		Х6		CRYSTAL OSCILLATOR	1
R1025	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K 1		X7		CRYSTAL OSCILLATOR	1
	ERJ3RBD202		<del>                                     </del>		502 10000010	SSINE GOSTELATOR	<del>' </del>
R1026		M. RESISTOR CH 1/16W 2K 1		<b>———</b>	-		1
R1027	ERJ3RBD223	M. RESISTOR CH 1/16W 22K 1					1
R1028	ERJ3RBD303	M. RESISTOR CH 1/16W 30K 1		<u></u>	<u></u>		
R1029	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K 1		]			
R1030	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680 1					
R1031	ERJ3GEYJ302	M. RESISTOR CH 1/16W 3K 1		■ E3	VEP20A32A	PANEL P. C. BOARD	1 (RTL)
		,		<b>=</b> L3	TEI ZUNUZM	I ANGLE I . O. DUNIN	1 (1114/
R1032	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		<b></b>	1		<del> </del>
R1033	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K 1			L		
R1034		M. RESISTOR CH 1/16W 10K 1		C1, C2	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	2
R1035	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K 1		C3	ECST1AC476Z	T. CAPACITOR CH 10V 47U	1
R1036	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		C4		T. CAPACITOR CH 35V 0.47U	1
R1037	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220 1		C5	ECST1AY106Z	T. CAPACITOR CH 10V 10U	1
	ERJ3GEYJ393					ł	1
R1038		M. RESISTOR CH 1/16W 39K 1		C6	ECST1VY474Z	T. CAPACITOR CH 35V 0.47U	1
R1039	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		C7	ECST1AC476Z	T. CAPACITOR CH 10V 47U	1
R1040	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K 1		C8, C9		T. CAPACITOR CH 35V 0.47U	2
R1041	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K 1		C10, 11	ECST1AY106Z	T. CAPACITOR CH 10V 10U	2
R1042	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220 1		C12	ECST1VY474Z	T. CAPACITOR CH 35V 0.47U	1 ECST1VY474R
	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0 2		C12		T. CAPACITOR CH 10V 47U	1
			<u> </u>			ł	1
		M. RESISTOR CH 1/16W 51K 2		C15	ļ	T. CAPACITOR CH 16V 10U	1
R1047	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K 1		C16	F1H1E104A016	C. CAPACITOR CH 25V 0.1U	1
	<u> </u>	<u> </u>			<u> </u>	<u> </u>	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
110111101	1 01 0 1101	rare name a poseriporen		Tomor III	R82, 83	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2	Tomor III
D.4	LNOOD	21025	_						
D1	LN38GP	DIODE	1		R84	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
D2, D3	LN317GPH	DIODE	2		R85, 86	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	2	
D4-30	MA142K	DIODE	27		R87	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
D31	LN422YP	DIODE	1		R88, 89	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	2	
501		51052	·		R90, 91	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
101.00	00 10411000100	10	•						
IC1, C2	COJBAN000160		2		R92	ERJ3GEYJ911	M. RESISTOR CH 1/16W 910	_ !	
103	NJM431U	IC	1	CODBEZCO0003	R94	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
					R95	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
J1-J7	VJR1095	LUG TERMINAL	7		R96-03	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	8	
					R104, 05	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
P1	VJP1243T	CONNECTOR (MALE) 3P	1	K1KA03B00012	R106	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	-	
			- 1	KTKA03D00012			,	1	
P2	K1MP80B00001	CONNECTOR	-		R107	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	_ '	
P3	K1KA04B00063	CONNECTOR (MALE)	1		R108, 09	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
					R112-19	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510	8	
Q1	2SB1073	TRANSISTOR	- 1		R120	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
Q2-Q7	2SB1218ALL	TRANSISTOR	6		R121	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
Q8	2SB1073	TRANSISTOR	1		R122	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	-	
			0.4					- 1	
Q9-32	2SB1218ALL	TRANSISTOR	24		R123	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
Q33-36	2SD1819A-R	TRANSISTOR	4		R124, 25	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
Q38	2SB1218ALL	TRANSISTOR	1		R126	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
					R127	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R1	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		R128	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
		,	- 1					- 1	
R2	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	-		R129	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	- 1	1
R4, R5	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2		R130	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R6, R7	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		R131	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R8	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		R133	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R9, 10	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		R134	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R11	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		R136	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R12, 13	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		R137	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R14	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	- 1		R139	ERJ3GEYG682	M. RESISTOR CH 1/16W 6.8K	1	
R15, 16	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		R140-43	ERJ3GEYJ513	M. RESISTOR CH 1/16W 51K	4	
R17	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		R144	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R18, 19	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		R145	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R20	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		R146	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R21, 22	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		R148	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
R23	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		R149	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R24	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1		R150	ERJ3RBD301	M. RESISTOR CH 1/16W 300	1	
R26, 27		·	2		R151	ERJ3RBD102	M. RESISTOR CH 1/16W 1K	- 1	
	ERJ3GEYJ473				КІЗІ	EKJSKDUTUZ	W. RESISTOR OF 1/10W IN		
R28, 29	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2						
R30	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	- 1		SW1-25	K0F111A00120		25	
R31, 32	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		SW26, 27	VSP0599	SWITCH	2	K0F111A00115
R33	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	-1		SW28	K0D122A00067	SWITCH	1	
R34, 35	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		SW29	K0D123A00019	SWITCH	1	
R36	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		SW30	SSSF023P9N	SWITCH	1	K0D123A00019
R37, 38	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		SW31	K0D122A00033	SWITCH	1	
R39	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		SW32	SSSF022P9N	SWITCH	1	K0D122A00033
			-		31132	3331 0221 3N	3#11011		RODIZZAGOGGS
R40, 41	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22							
R42	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	-1		VR1	D2BDA44B0004		1	
R43, 44		M. RESISTOR CH 1/16W 22	2		VR2		V. RESISTOR 40K	_1	D2BDA44B0004
R45	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	_ 1		VR3-R6	D2AAA53B0001	V. RESISTOR 5K	4	
R46, 47	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2		VR7	RK9K11310K	V. RESISTOR 40K	1	D2BDA44B0004
R48		M. RESISTOR CH 1/16W 47K	1		VR8		V. RESITOR 1K	1	
R49, 50		M. RESISTOR CH 1/16W 22	2				The state of the s		
R51		M. RESISTOR CH 1/16W 47K	1		<del>                                     </del>				
			1		-	<del> </del>			
R52, 53		M. RESISTOR CH 1/16W 22	2						
R54		M. RESISTOR CH 1/16W 47K	1						
R55, 56	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2	<u> </u>	<u></u>	<u> </u>	<u> </u>		
R57	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		■ E4	VEP23592A	BNC P. C. BOARD	1	(RTL)
R58, 59	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2						
R60	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1			l			
R61, 62		M. RESISTOR CH 1/16W 22	2		J3, J4	K1QBB5AP0001	CONNECTOR	2	
R63	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		J5		CONNECTOR	1	
			1		00	INTRODUCE APOUUZ	OUNNEUTUK	- 1	
R64, 65		M. RESISTOR CH 1/16W 22	2			W Doc	0011		la laggagas :-
R66	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		L1-10	VLP0197	COIL	10	J0JCC0000049
R67, 68		M. RESISTOR CH 1/16W 22	2						
R69	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		P11	VJP3440B020	CONNECTOR (MALE)	1	K1KA20B00027
R70, 71	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2						
R72		M. RESISTOR CH 1/16W 47K	1		R48-52	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75	5	
R72, 74		M. RESISTOR CH 1/16W 22	2		R53-57	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	5	
			- 4		1.00-07	LINUUGE FURUU	m. NEGIGION OIL I/ IOW U	J	
R75	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	- 1						
R76, 77	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2						
R78	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1						
R79, 80	ERJ3GEYJ220	M. RESISTOR CH 1/16W 22	2						
R81	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1						
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Ref. No.	Part No.	Part Name & Description	nPcs	Remarks	Ref. No.		Part No.	Part No. Part Name & Description
<b>■</b> E5	VEP23594A	S CONT P. C. BOARD	1	(RTL)		ŀ		
						H		
FL1	J0JHA0000001	FILTER	1			H		
		DC POWER JACK	1					
2	K2HC103B0031	JACK	1					
P1	K1FA104B0011	CONNECTOR (MALE)	1		<b> </b>			
P2-P7		CONNECTOR (FEMALE)	6				_	
P8		CONNECTOR (MALE)		K1KA02B00007			-	+
P9	VJP3440A018	CONNECTOR (MALE)	1	K1KA18A00016				
P10	VJP3440A024	CONNECTOR (MALE)	1	K1KA24A00022			_	
D1 D1	ED IOSEN	W DEGLOTOR ON A VIEW	-				-	
R1-R4 R17, 18		M. RESISTOR CH 1/16W 100 M. RESISTOR CH 1/16W 0			<b> </b>			
R17, 16		M. RESISTOR CH 1/16W 100	_					<del> </del>
R25, 26	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	_					
R27, 28	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75	2					
R29, 30	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0					ļ	
R31, 32		M. RESISTOR CH 1/16W 75					ļ	
R33, 34 R35, 36		M. RESISTOR CH 1/16W 0 M. RESISTOR CH 1/16W 75					ļ	<u> </u>
R35, 36		M. RESISTOR CH 1/16W /5					ł	
R39, 40	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75					t	
R41, 42	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2				İ	
R43, 44	ERJ3GEYJ750	M. RESISTOR CH 1/16W 75	2				Į	
R45-47	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3				ļ	
SW1	K0D144A00005	SMITCH	1		<u> </u>		ł	
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